



**CALPINE**

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September 13, 2002

Mr. Steve Munro, Compliance Project Manager  
California Energy Commission  
1516 9<sup>th</sup> Street, MS 2000  
Sacramento, CA 95814

**Subject: Metcalf Energy Center 99-AFC-3  
Monthly Compliance Report #11, August 1 – August 31, 2002**

Dear Mr. Munro:

In accordance with the CEC Commission Decision, enclosed please find a Monthly Compliance Report (Report) and Compliance Matrix for the Metcalf Energy Center. This report is for the period beginning August 1 through August 31, 2002.

The Report lists those Conditions of Certification that require submittal with the Monthly Compliance Report as stated in the Commission Decision. These submittals are listed in the Report and are attached.

A copy of this report is also being submitted to the library nearest the project site, Santa Teresa Branch Library, as required in the Commission Decision.

If you have any questions please call me at (408) 463-6001.

Sincerely,

  
Kristen O'Kane  
Environmental Compliance Manager  
METCALF ENERGY CENTER

Enclosures

cc: Ken Abreu, Calpine  
Steve DeYoung, Calpine  
Nick LaPorte, Calpine  
David Newman, Willdan

**Metcalf Energy Center  
99-AFC-2**

**Monthly Compliance Report #11  
August 1 – August 31, 2002**

**1. Project construction status**

**Plant area:** Completed the second round of test piling with the installation of (10) additional probe piles and (2) additional test piles with associated reaction piles. The results of the total pile program revealed that the assumptions previously made were incorrect. Burns and Roe is reevaluating the foundation designs completed to date. Dillingham Construction, the pile driving contractor, began to stage the 18" production piling they had stored in their yard in Napa at the jobsite. Dillingham is currently on hold pending the foundation reevaluation from Burns and Roe. We placed additional dust suppressant around the parking areas and the plant work areas to prevent fugitive dust. We continued to pursue the permits required to install the storm basin outfall this year as well as continued to pursue the design and necessary permits for construction of the PG&E access road. We completed the City of San Jose to Union Pacific Railroad signal tie-in and all of the necessary guardrail modifications. We setup a safety orientation trailer to be used by the security company for visitor orientations. Including in the setup was the construction of a walkway to the door and overhead electrical service to the trailer.

**South laydown area:** Continue to receive, offload, and store equipment. Continued replacing tarps on the equipment in order to withstand the duration or storage anticipated.

**North laydown area:** Placed a concrete mat within the warehouse and installed warehouse racking for storage of plant components. Moved all of the material back into the warehouse and began the inventory and preservation process of that material. Continue receipt of major equipment including the (2) combustion turbine engines, the (2) combustion turbine generators, and the HP/IP section of the steam turbine. The offloading equipment was disassembled and removed from the site. We began weekly meggering of the generators and continued meggering of the other electrical motors that we have received.

**Engineering:**

This progress report covers engineering tasks completed through August 2002. The engineering progress is approximately 60% complete. The piling test program is completed and the foundation design will be modified to a new design criteria.

**Key Accomplishments**

- 1) The following documents were issued by Burns and Roe Enterprises, Inc.:
  - Issued the following documents to CBO for approval:
    - Revised steam turbine platform foundation design package with drawings and calculations
    - Calculation and drawings for the "Visual Screen Foundations", Geiger Engineers

- Revised drawings showing PG&E access road
- Cooling tower piles and foundations design package with drawings and calculations
- Above and Below ground cable sizing calculations
- Issued the following documents for Construction:
  - Sediment Erosion Control Plans (C050, C60 and C061)
  - Main Under Ground Duct Bank Drawings
  - Under Ground Piping Drawings
  - Instrument Installation Details
- Issued the following documents for review:
  - STG Tray layouts
  - Horizontal Pump Specification

## 2) Engineering Tasks:

- Burns and Roe continued to support Construction effort
- Continued with design of the cooling tower basin, pipe rack framing, steam turbine platform steel framing and foundation
- Continued to coordinate design of visual and sound attenuation screens
- Continued to develop PDS 3D model:
  - a) Underground piping
  - b) Steam Piping
  - c) Gas Compressor system design
  - d) Underground Electrical system
  - e) Structural steel
  - f) Equipment
- Continued to review vendor documents
- Continued to develop under ground services
- Continued to update P&IDs
- Started development of:
  - Plant lighting calculations and plans
  - Electrical package
  - PDC layout
  - Steam draining system P&ID
  - Lube oil piping design
  - Control Valve process data

## 3) Major Equipment

- Steam Turbine Generator is in fabrication and scheduled to be delivered in December
- The condenser is in storage
- HRSG engineering is in progress and design documents are submitted to CBO for approval
- Awarded Auxiliary Cooling Water Pump

### **Activities planned for next month**

**Plant area:** We plan to release Dillingham Construction to begin fabrication of the production piling in Utah and will begin to receive that material on site prior to a planned October 1<sup>st</sup> start date for production piling. We will attempt to construct both the PG&E access road and storm basin outfall if the design and all of the permits are in place prior to September 16<sup>th</sup>. We will prepare to receive the first sections of the underground water circulation piping towards the end of the month.

**South laydown area:** The last of the equipment to arrive on site from Siemens should come on site this month. That will complete offloading activities until more material is released from other vendors. We will continue to preserve this equipment as required by Siemens.

**North laydown area:** We should complete the inventory of all of the material in the warehouse and continue to preserve it as required by Siemens. We will continue to megger the motors and rotate the pump shafts as necessary per Siemens recommendations.

#### **Engineering:**

- **General**

- Complete the integrated project schedule
- Continue to review vendor drawings for CTGs, STG, Condenser, HRSGs, Cooling Tower, Major pumps, water treatment system and other equipment
- Continue to support construction

- **Mechanical**

- Continue pipe stress analysis
- Continue development of P&IDs
- Continue development Line/Valve/Pipe specialty lists
- Continue development of 3D equipment and piping models
- Continue development of equipment list
- Continue development of Pipe Specification
- Develop Plant Fire Protection/Detection Specification
- Finalize CW pump intake structure
- Start the following:
  - Steam drains and boiler blowdown piping
  - Aboveground circulating, fuel gas and close cooling water piping
  - Shop Tanks, CCW HX and Oil/Water Separator Specifications

- **Civil /Structural/Architectural**

- Continue update 3D Models
- Continue work on design calculation and drawing for:
  - Cooling tower pump structure
  - Pipe rack framing
  - Transformer foundation
- Coordinate and interface with Hillier/Geiger architectural screen

- Provide engineering support on the ongoing test piling efforts
- **Electrical:**
  - Issue trays at STG and HRSG for Construction
  - Continue with Lighting Design and issue for comments
  - Update STG Electrical Room for bidding of electrical equipment
  - Update 480V Switchgear and MCC One Line drawings
  - Preparation of the PDC and Electrical equipment specification for bid
  - Complete the UPS and DC calculations
  - Issue the Battery and Charger Specification for bid
- **Instrumentation:**
  - IFC, Technical Specification 15106, Control Valves
  - Continue updating of P&IDs
  - Continue data inputs to the major lists
  - Commence preparation of logics in Calpine format

### **MEC Litigation Update**

1. The California Supreme Court (Decision 2-28-02)
  - a. The Supreme Court denied STCAG appeal on February 28, 2002.
  - b. The denial is final and non-appealable in California courts.
2. Sacramento Superior Court (Decision 2-22-02)
  - a. MEC's Demurrer was granted on 2-22-02, dismissing the suit for lack of subject matter jurisdiction.
  - b. STCAG had indicated in the press that it intends to appeal this dismissal for lack of subject matter jurisdiction.
  - c. Proposed Order Sustaining Demurrer was sent to the Judge for signature on March 14, 2002. The CEC sent a revised order and notice of judgment the last week of April.
  - d. We received a notice of intent to file an appeal from STCAG. STCAG will be appealing the Demurrer to the Third District Court of Appeals, dated May 8, 2002. By letter dated June 6, 2002, the office of the Clerk for the Third Appellate District notified STCAG that the reporter's transcript had been filed. STCAG's brief and appendix were originally due by July 5, 2002. However, STCAG was granted an extension. STCAG filed their Opening Brief on August 23, 2002. MEC's reply brief is due September 26, 2002.
3. U.S. Ninth Circuit Court of Appeals (Pending)
  - a. This appeal asks the Federal Court to overturn the decision of the U.S. EPA's Environmental Appeals Board (EAB) confirming that the MEC Prevention of Signification Deterioration (PSD) permit was properly issued.

- b. The Petitioner's initial briefings have been filed, and the U.S. government filed its response brief April 12, 2002.
  - c. Calpine's brief was filed May 13, 2002.
  - d. The Petitioners filed their reply brief on July 1, 2002, after having obtained court approval of extension of time. All briefing in the case is now complete.
  - e. On August 5, 2002 Calpine filed a motion requesting that the Court expedite its review of the appeal. The Court granted Calpine's motion and has now scheduled oral argument for November 5, 2002.
  - f. With oral argument scheduled for November 5, 2002 we currently anticipate that the Court's decision in this case could be issued as early as the end of 2002, or possibly during early 2003.
4. STCAG lawsuit against the City: recycled water line (Pending)
- a. STCAG has sued to stop the City's construction of its preferred waterline route.
  - b. Hearing was held 6/20/02. Court rendered a decision in favor of City and Calpine.
  - c. Notice of appeal has been filed. The court reporter has until October 5<sup>th</sup> to file the transcript. The STCAG opening brief will be due 30 days after the transcript is filed.

**2. Documents required to be submitted with Monthly Compliance Report**

AQ-48	Summary of monthly activities related to the Fugitive Dust Control Plan is attached.
AQ-52	No ultra low sulfur fuel receipts received in August.
BIO-2	Summary of Designated Biologist's written records is attached.
BIO-6	WEAT training presented to 17 on site personnel.
CUL-5	WEAT training presented to 17 on site personnel.
CUL-7	Weekly construction schedules are attached.
CUL-8	Weekly summary reports attached.
PAL-3	WEAT training presented to 17 on site personnel.
PAL-4	A summary report is attached.
LAND-1	There is no update on trail developments.
SOCIO-1	List of planned procurement of materials and hiring outside the local regional area is attached.
SOIL&WATER-1	Gallons of well water used during the month of July = 18,776.10 Gallons of well water used for the month of August = 34,036.36

**3. Compliance matrix**

A Compliance Matrix is attached.

**4. Conditions that have been satisfied during the reporting period**

LAND-2	Submitted landscape plan for parking area.
VIS-12	Submitted plan for landscaping along Blanchard Road as requested by Blanchard Road property owners.
BIO-9	Submitted copy of Nationwide No. 7 permit to construct stormwater outfall.

**5. Submittal deadlines not met**

There are no outstanding submittals.

**6. Approved COC changes**

- A request for amendment was submitted 11/30/01 and approved 12/21/01. The amendment allows for an additional 14 acres of laydown area south of Blanchard Road and west of the railroad tracks.
- An amendment was approved on 8/28/02 to allow the originally certified 10.2-mile recycled water line to be replaced with a 1000-foot lateral interconnection line of the same capacity.

**7. Filings or permits with other agencies**

- Received U.S. Army Corps of Engineers Nationwide No. 7 permit to construct stormwater outfall into Fisher Creek.
- Received Draft Streambed Alteration Agreement to construct outfall into Fisher Creek, horizontal directional drill under Coyote Creek, jack and bore under Coyote Canal and revegetation along Fisher Creek.

**8. Projection of project compliance activities for next two months (September - October)**

AQ-48	Will follow dust mitigation measures.
AQ-49 and 50	Dust will be monitored and activities recorded.
CUL-5	Training will be provided as needed.
CUL-7	Will submit weekly schedule to resource specialists.
CUL-8	Cultural specialist will perform required duties when necessary.
CUL-9	Cultural specialist will perform required duties when necessary.
BIO-2	Biologist will perform required duties when necessary.
BIO-6	Training will be provided as needed.
PAL-3	Training will be provided as needed.
PAL-4	Paleo specialist will perform required duties when necessary.
VIS-9	Will submit color treatment plan for plant architectural screen, HRSG stacks and cooling tower.
VIS-10	Will submit additional information for Plume Abatement Plan.
WORKER	Will submit Risk Analysis (for plant operation) to CBO and

SAFETY-1	City of San Jose Fire Department.
BIO-7	Will submit copy of Dept. of Fish and Game Streambed Alteration Agreement for outfall construction and revegetation.
SOIL&WATER-7	Will submit copy of Regional Water Quality Control Board 401 certification for outfall construction and gas line HDD.

**9. Additions to on-site compliance file**

- Silt fence inspection logs
- Straw bale inspection logs
- Erosion and sediment control inspection logs
- Water truck logs
- Biological monitor daily logs
- WEAT training logs
- Daily logs

**10. Requests to dispose of items**

None

**11. Listing of complaints, notices of violations, official warnings, and citations**

Attached. Includes call log for calls received on MEC public information line.

**12. List of facility design submittals, comments and approvals to CBO**

Matrix attached. No CBO comments received during month of August.

CBO Approvals:

None.

**CONDITION OF CERTIFICATION AQ#48  
SUMMARY OF FUGITIVE DUST MITIGATION ACTIVITIES**

**METCALF ENERGY CENTER  
MONTHLY COMPLIANCE REPORT #11**

Summary of monthly activities related to the Fugitive Dust Control Plan:

Dust suppressant (magnesium chloride) was applied to the site in August to prevent fugitive dust and to limit the amount of water being used to control dust. Dust suppressant was applied to, roads, parking areas, the switchyard and power block area. The site was monitored daily for fugitive dust.

**CONDITION OF CERTIFICATION BIO-2  
SUMMARY OF BIOLOGICAL MONITORING**

METCALF ENERGY CENTER  
MONTHLY COMPLIANCE REPORT #11

**METCALF ENERGY CENTER**

**MONTHLY COMPLIANCE REPORT**

**August 2002**

**METCALF ENERGY CENTER**  
**BIOLOGICAL MITIGATION MONITORING**

**Summary from Designated Biologist, August 2002**

Designated Biologist reviewed and commented on draft Streambed Alteration Agreement from California Department of Fish and Game. Provided additional information and clarification to the San Francisco Bay Regional Water Quality Control Board for 401 water quality certification permit. Received 404 Nationwide Permits 7 and 33 for construction of storm water outfall. An application for Nationwide permit 12 was submitted to the USACE for constructing the gas pipeline under Coyote Creek, however, the USACE indicated it was not needed since the location on Coyote Creek is not tidally influenced. Subsequent permits are expected in September. August activities were in compliance with the CEC designated biological Conditions of Certification.

**Biological Resources**  
**Mitigation Monitoring for the**  
**Metcalf Energy Center**

**MONTHLY COMPLIANCE REPORT #11**

**August 2002**

**Prepared by:**

**CH2M HILL**

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**METCALF ENERGY CENTER**  
**MONTHLY COMPLIANCE REPORT**

**August 2002**

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# INTRODUCTION

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The Metcalf Energy Center (MEC) site is located in the Santa Clara Valley within the Urban Service Area of south San Jose. The MEC will be a 600-megawatt natural-gas-fired combined cycle power plant with the following features:

- A 230-kilovolt (kV) switchyard and approximately 240 feet of new 230-kV transmission line that will loop into the existing Pacific Gas and Electric (PG&E) 230-kV Metcalf-Monta Vista No. 4 transmission on Tulare Hill.
- An approximately one mile, 16-inch natural gas pipeline that will connect to an existing PG&E transmission backbone pipeline that runs along the eastern side of U.S. 101.
- An approximately 10.2-mile water pipeline from a tap into the South Bay Water Recycling Program's (SBWR) existing main pipeline in eastern San Jose will be used for cooling water.
- An approximately 1.2-mile water pipeline will supply domestic and backup water supplies.
- A stormwater detention basin and discharge outfall structure to Fisher Creek.
- A new access road from Monterey Road at the Blanchard Road junction and visual screening and landscape corridor along the new access road that will require 6 acres of agricultural land south of the MEC site.
- A second access road (west access road) may extend from Santa Teresa Boulevard to the MEC site that will require 2.0 acre of agricultural land.
- Two temporary construction laydown yards totaling 24.8-acres are located in agricultural land south of the MEC site.

The project was designed to avoid significant negative impacts to sensitive biological resources to the furthest extent feasible. Mitigation measures were developed through consultation with the U. S. Fish and Wildlife Service (FWS), U. S. Army Corps of Engineers, National Marine Fisheries Service, California Department of Fish and Game, and the Water Quality Control Board to minimize unavoidable project impacts. Permits and authorizations from these agencies included conditions that must be monitored by the Designated Biologist. The Biological Monitor will be present onsite during all phases of construction to ensure compliance with the mitigation measures outlined in the *Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP)*. The following report includes all MEC project activities monitored during August 2002.

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# MONITORED MITIGATION MEASURES

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Mitigation measures were developed through consultation with U.S. Fish and Wildlife Service, National Marine Fisheries Service, California Department of Fish and Game (CDFG), San Francisco Bay Regional Water Quality Control Board (Water Board), U.S. Army Corps of Engineers (Corps), and CEC for the MEC project. Compliance with any conditions of the Corps, Water Board, and CDFG permits will be included when permits are received and used on the project.

Conditions of Certification BIO-1 through BIO-13 were in compliance during August 2002. In compliance with COC BIO-2, the Biological Monitor examined and cleared Phase 1 activity areas immediately prior to and during August activities.

The following conditions described in the FWS Biological Opinion (BO) remained pertinent to the August monitoring efforts:

- Garbage must be removed from the site.
- Activity must be limited to the minimum necessary.
- The boundaries of the site will be clearly marked.
- All equipment, personnel, and access shall be confined to designated work areas and connecting roadways.
- Refueling will occur at least 50 feet away from aquatic habitats.
- Weekly California red-legged frog surveys will be conducted in work areas (following the 10 days of daily surveys conducted in January).
- Bullfrogs found during amphibian surveys, including adult, subadult, and larval bullfrogs, shall be captured and killed.
- The Biological Monitor will inspect the erosion control features daily.
- Concrete trucks must be washed within a designated area with a surrounding berm.

The conditions described in the NMFS Biological Opinion (BO) were in compliance. Work near Coyote Creek where NMFS has jurisdiction over anadromous fish (salmon and steelhead) will occur in the summer 2003.

The Monitor was available throughout the month to respond to biological issues as needed. August activities are described below.

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# SUMMARY OF ACTIVITIES

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This report includes project activities that took place during August 2002. August activities included ongoing Phase 1 site preparation and presentation of the WEAT program to project personnel. The following provides a description of these activities. A cumulative wildlife species list is included in Appendix A. WEAT sign-in sheets are included in Appendix B. No Wildlife Observation forms were submitted for the month of August. The Biological Monitor completes daily logs summarizing activities, personal interactions, and observations. These logs are available on request.

## *Phase 1 Site Preparation*

August Phase 1 site activities include continued transport/storage of power plant equipment onto the laydown yards, and test pile driving on the footprint site. These activities will likely continue into September 2002.

The Biological Monitor performed general and species-specific wildlife clearance surveys immediately prior to and during all ground disturbance activities. The Biological Monitor continued to survey for injured, dead, or entrapped wildlife throughout each construction zone.

## *Power Plant Materials Storage*

Heavy haul trucks continued to transport equipment onto the north and south laydown yards. All traffic was confined to previously established roads. These activities will continue through the coming months.

## *Test Pile Driving*

Test pile driving within the MEC footprint site was ongoing during the month of August. The tests will be used to assess the geologic stability of several locations throughout the main site. A large crane equipped with a hydraulic hammer was used. Test pile driving and compression test in the piles will likely continue into September 2002.

Steel pipe inserted during pile driving, particularly those pipes driven down to ground level, were capped. Capping the open end of the pipes complies with the project's safety guidelines and functions as a wildlife exclusion measure.

## *Permitting and Agency Contacts*

A draft Streambed Alteration Agreement was received from California Department of Fish and Game for review and comments. Comments were submitted to CDFG and a final permit is expected early September 2002. The 401 Water Quality Certification is also expected in September 2002.

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# WORKER ENVIRONMENTAL AWARENESS TRAINING

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A Worker Environmental Awareness Training (WEAT) program was developed exclusively for the MEC project. Program materials include a handbook, video, and poster. During August, the WEAT program was administered as required by BIO-6 of the "Conditions of Certification" (COC) from the California Energy Commission's (CEC) *Commission Decision*.

In August, WEAT continued with the presentation of a training video and distribution of WEAT handbooks.

A total of 17 personnel received WEAT training during August for a total of 352 employees trained at the Metcalf Energy Center. The Calpine Compliance Manager administered the WEAT training to all new August employees in the absence of the Biological Monitor. A list of August WEAT attendees is included in Appendix B. Signed affidavits are kept on file by both Calpine's Compliance Manager and the Designated Biologist.

## GENERAL NOTES AND OBSERVATION

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August activities were minimal with all site activity confined to previously disturbed areas. The Biological Monitor's duties were limited accordingly. For the entire month, the Biological Monitor remained on-call. Although Phase 1 activities are ongoing (e.g. equipment delivery and test pile driving), the Biological Monitor's duties will likely remain limited until the commencement of Phase 2.

On August 2<sup>nd</sup>, Justin Fields removed all cattle from the Tulare Hill portion of the MEC Ecological Preserve under the recommendation of Stuart Weiss for appropriate management of the serpentine habitat. The timing of cattle removal was consistent with the project's resource management plan for the MEC Ecological Preserve. Forage availability on Tulare Hill is not suitable to support wintering of the livestock. The cattle will likely be released back onto Tulare Hill in winter/spring 2003 when the growing season for non-native grasses begins.

**APPENDIX A**

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**Cumulative Wildlife Species Observed In or Near the  
Project Area**

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project  
and Linear Facilities Area (May 2001 to August 31, 2002)**

Common Name	Scientific Name	Location
<b>INSECTS</b>		
Bay checkerspot butterfly	<i>Euphydras editha</i> spp. <i>Bayensis</i>	TH
Cabbage white butterfly	<i>Pieris rapae</i>	EC
Anise swallowtail butterfly	<i>Papilio zelicaon</i>	TH
Buckeye butterfly	<i>Precis coenia</i>	TH
Painted lady butterfly	<i>Vanessa cardui</i>	EC
Opler's longhorn moth	<i>Adela oplerella</i>	TH
Tarantula	<i>Eurypelma californicum</i>	TH
<b>AMPHIBIANS AND REPTILES</b>		
Pacific tree frog	<i>Hyla regilla</i>	TH, FC, EC
Arboreal salamander	<i>Aneides lugubris</i>	TH, EC
Western fence lizard	<i>Sceloporus occidentalis</i>	EC, TH, LA, FC
Side-blotched lizard	<i>Uta stansburiana</i>	EC
Southern alligator lizard	<i>Elgaria multicarinata</i>	EC, TH
Western skink	<i>Eumeces skiltonianus</i>	TH
Gopher snake	<i>Pituophis melanoleucus</i>	EC, LA, FC
<b>BIRDS</b>		
Pied-billed grebe	<i>Podilymbus podiceps</i>	FC, CC
American white pelican	<i>Pelecanus erythrorhynchos</i>	EC*
Double-crested cormorant	<i>Phalacrocorax auritus</i>	CC*
Canada goose	<i>Branta canadensis</i>	EC*, CC
Mallard	<i>Anas platyrhynchos</i>	FC, CC
Gadwall	<i>Anas strepera</i>	FC
Wood duck	<i>Aix sponsa</i>	FC, CC
Common merganser	<i>Mergus merganser</i>	FC
Hooded merganser	<i>Lophodytes cucullatus</i>	FC
American coot	<i>Fulica americana</i>	FC, CC
Great blue heron	<i>Ardea herodias</i>	FC
Green heron	<i>Butorides virescens</i>	FC, CC
Great egret	<i>Casmerodius albus</i>	FC
Killdeer	<i>Charadrius vociferus</i>	LA, LEA*, EC
White-tailed kite	<i>Elanus caeruleus</i>	FC
Northern harrier	<i>Circus cyaneus</i>	FC, TH
<b>Location:</b>		
CC = Coyote Creek Riparian Corridor		TH = Tularc Hills Biological Preserve
EC = Metcalf Energy Center Plant Site		TL = Transmission Line Corridor
FC = Fisher Creek Riparian Corridor		WL = Water Line Corridor
GP = Gas Pipe Line Corridor		LEA = Laydown/Expansion Area
LA = Laydown Area		
<b>Notes:</b>		
* Flyover or otherwise not utilizing area resources.		
** Non-active sign (i.e. carcass, feather, nest, track)		

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project  
and Linear Facilities Area (May 2001 to August 31, 2002) (Continued)**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Location</b>
<b>BIRDS (continued)</b>		
Turkey vulture	<i>Cathartes aura</i>	EC*, TH, LA
Golden eagle	<i>Aquila chrysaetos</i>	TH
Osprey	<i>Pandion heliaetus</i>	CC*, TH, EC, FC
Sharp-shinned hawk	<i>Accipiter striatus</i>	FC, TH
Cooper's hawk	<i>Accipiter cooperii</i>	CC, EC*, FC
Red-shouldered hawk	<i>Buteo lineatus</i>	EC, FC, LA, CC, LEA
Red-tailed hawk	<i>Buteo jamaicensis</i>	EC, FC, GP, TH, TL, CC
American kestrel	<i>Falco sparverius</i>	EC, TH
Prairie falcon	<i>Falco mexicanus</i>	TH
California quail	<i>Callipepla californica</i>	CC, GP
Spotted sandpiper	<i>Actitis macularia</i>	FC
Mourning dove	<i>Zenaida macroura</i>	EC, FC, TH, TL, CC
Rock dove	<i>Columba livia</i>	EC*, TH*
Anna's hummingbird	<i>Calypte anna</i>	TH, CC
Hummingbird sp.		EC, TH, FC
Belted kingfisher	<i>Ceryle alcyon</i>	FC, EC*, CC
Northern flicker	<i>Colaptes auratus</i>	EC, FC, TH
Nuttall's woodpecker	<i>Picoides nuttallii</i>	FC, EC
Downy woodpecker	<i>Picoides pubescens</i>	EC, FC
Black phoebe	<i>Sayornis nigricans</i>	EC, FC, TL, LEA, CC
Say's phoebe	<i>Sayornis saya</i>	LEA
Western scrub-jay	<i>Aphelocoma californica</i>	EC, FC, LEA, CC
Common raven	<i>Corvus corax</i>	EC, TH, FC, CC
Horned lark	<i>Eremophila alpestris</i>	TH
Cliff swallow	<i>Petrochelidon pyrrhonotta</i>	FC, EC, TL
Barn swallow	<i>Hirundo rustica</i>	EC, LEA
Oak titmouse	<i>Baeolophus inornatus</i>	FC, CC
Chestnut-backed chickadee	<i>Poecile rufescens</i>	FC
Bushtit	<i>Psaltriparus minimus</i>	EC, FC, FC**, GP, TL, CC
White-breasted nuthatch	<i>Sitta carolinensis</i>	FC
Bewick's wren	<i>Thryomanes bewickii</i>	FC, TH, CC
Rock wren	<i>Salpinctes obsoletus</i>	FC, TH
<b>Location:</b>		
CC = Coyote Creek Riparian Corridor		TH = Tularc Hill Biological Preserve
EC = Metcalf Energy Center Plant Site		TL = Transmission Line Corridor
FC = Fisher Creek Riparian Corridor		WL = Water Line Corridor
GP = Gas Pipe Line Corridor		LEA = Laydown expansion area
LA = Laydown Area		
<b>Notes:</b>		
* Flyover or otherwise not utilizing area resources.		
** Non-active sign (i.e. carcass, feather, nest, track)		

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project  
and Linear Facilities Area (May 2001 to August 31, 2002) (Continued)**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Location</b>
<b>BIRDS (CONTINUED)</b>		
Ruby-crowned kinglet	<i>Regulus calendula</i>	TH, FC, CC
Northern mockingbird	<i>Mimus polyglottos</i>	EC, FC
Western bluebird	<i>Sialia mexicana</i>	FC, CC, EC, LEA
American robin	<i>Turdus migratorius</i>	LA, EC, CC
Loggerhead shrike	<i>Lanius ludovicianus</i>	TH, FC, EC
Western kingbird	<i>Tyrannus verticalis</i>	CC
European starling	<i>Strunus vulgaris</i>	LEA, FC, EC
Rose-breasted grosbeak	<i>Pheucticus ludovicianus</i>	EC
California towhee	<i>Pipilo crissalis</i>	EC, TH, FC, CC
Dark-eyed junco	<i>Junco hyemalis</i>	FC, TH, CC
White-crowned sparrow	<i>Zonotrichia leucophrys</i>	EC, FC, TH, CC
Song sparrow	<i>Melospiza melodia</i>	EC, LA, LEA
Yellow-rumped warbler	<i>Dendroica magnolia</i>	TH, FC, CC
Western meadowlark	<i>Sturnella neglecta</i>	EC, LA, TH
Red-winged blackbird	<i>Agelaius phoeniceus</i>	FC
Brewer's blackbird	<i>Euphagus cyanocephalus</i>	FC, EC, CC
Bullock's oriole	<i>Icterus bullockii</i>	FC, CC
House finch	<i>Carpodacus mexicanus</i>	EC, CC, FC
American goldfinch	<i>Carduelis tristis</i>	LEA
Lesser goldfinch	<i>Carduelis psaltria</i>	EC, FC, CC, TH
House sparrow	<i>Passer domesticus</i>	EC, FC, CC
<b>MAMMALS</b>		
Common raccoon	<i>Procyon lotor</i>	FC**
Striped skunk	<i>Mephitis mephitis</i>	TH**
Opossum	<i>Didelphis marsupialis</i>	EC
Coyote	<i>Canis latrans</i>	TH
Feral cat	<i>Felis catus</i>	EC
Bobcat	<i>Lynx rufus</i>	CC**
California ground squirrel	<i>Spermophilus beechyi</i>	EC, FC, TH, TL
Western gray squirrel	<i>Sciurus griseus</i>	FC
Valley pocket gopher	<i>Thomomys bottae</i>	LA**
California vole	<i>Microtus californicus</i>	FC
<b>Location:</b>		
CC = Coyote Creek Riparian Corridor		TH = Tulare Hill Ecological Preserve
EC = Metcalf Energy Center Plant Site		TL = Transmission Line Corridor
FC = Fisher Creek Riparian Corridor		WL = Water Line Corridor
GP = Gas Pipe Line Corridor		LEA = Laydown expansion area
LA = Laydown Area		
<b>Notes:</b>		
* Flyover or otherwise not utilizing area resources.		
** Non-active sign (i.e. carcass, feather, nest, track)		

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project  
and Linear Facilities Area (May 2001 to August 31, 2002) (Continued)**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Location</b>
<b>MAMMALS (CONTINUED)</b>		
Deer mouse	<i>Peromyscus maniculatus</i>	TH
Norway Rat	<i>Rattus norvegicus</i>	EC
Common muskrat	<i>Ondatra zibethicus</i>	FC
Black-tailed jackrabbit	<i>Lepus californicus</i>	EC
Feral pig	<i>Sus scrofa</i>	CC**
Mule (black-tailed) deer	<i>Odocoileus hemionus</i>	FC, GP, CC
<b>Location:</b>		
CC = Coyote Creek Riparian Corridor		TH = Tulare Hill Ecological Preserve
EC = Metcalf Energy Center Plant Site		TL = Transmission Line Corridor
FC = Fisher Creek Riparian Corridor		WL = Water Line Corridor
GP = Gas Pipe Line Corridor		LEA = Laydown expansion area
LA = Laydown Area		
<b>Notes:</b>		
* Flyover or otherwise not utilizing area resources.		
** Non-active sign (i.e. carcass, feather, nest, track)		

**APPENDIX B**

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**WEAT Sign-In Sheets**



**METCALF ENERGY CENTER  
 ENVIRONMENTAL TRAINING  
 SIGN-IN SHEET**  
*(Biology, Archaeology, & Paleontology)*

DATE: 8-14-07

**PLEASE NOTE:**

*By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.*

Name (print)	Name (signature)	Company
Mark Smolley	<i>Mark Smolley</i>	Calpine
Fernando De Veta	<i>Fernando</i>	FIRST ALARM
Cristina Romero	<i>Cristina Romero</i>	Calpine
Allen Tichi	<del>Allen Tichi</del>	Calpine
Richard Bahler	<i>R Bahler</i>	Calpine
MIKE WILSON	<i>Mike Wilson</i>	SIGNET TESTING LAB

Instructor/s: WEAT VIDEO (Administered by Todd Ethwood)  
 K. Sipes



Programa De Entrenamiento de Conciencia Ambiental  
Para Trabajadores del Metcalf Energy Center

Presentado por:

CH2M HILL  
2485 Natomas Park Drive, Suite 600  
Sacramento, California 95833  
(916) 920-0300

Firmando abajo, reconozco que he participado en el Programa De Entrenamiento de Conciencia Ambiental Para Trabajadores de Calpine, y que cumpliré con todos los requisitos ambientales que se han presentado.

Firma:   
Nombre: Alejandra Jordan  
Fecha: 09-28-02  
Presentación Administrada Por: TERRACE

THE WORKER ENVIRONMENTAL  
AWARENESS TRAINING PROGRAM FOR THE  
METCALF ENERGY CENTER

Presented by:

CH2M HILL  
2485 Natomas Park Drive, Suite 600  
Sacramento, California 95833  
(916) 920-0300

By signing below, I acknowledge that I have attended Calpine Worker Environmental Awareness Training Program and agree to comply with all the environmental requirements presented.

Signature:   
Print Name: LYNN JORDAN  
Date: 8-28-02  
Presentation Administered By: TERRACE

THE WORKER ENVIRONMENTAL  
AWARENESS TRAINING PROGRAM FOR THE  
METCALF ENERGY CENTER

Presented by:

CH2M HILL

2485 Natomas Park Drive, Suite 600

Sacramento, California 95833

(916) 920-0300

By signing below, I acknowledge that I have attended Calpine's Worker Environmental Awareness Training Program and agree to comply with all the environmental requirements presented.

Signature:



Print Name:

Thomas Blue

Date:

8-28-02

Presentation Administered By:

Terence Robertson

THE WORKER ENVIRONMENTAL  
AWARENESS TRAINING PROGRAM FOR THE  
METCALF ENERGY CENTER

Presented by:

CH2M HILL

2485 Natomas Park Drive, Suite 600

Sacramento, California 95833

(916) 920-0300

By signing below, I acknowledge that I have attended Calpine's Worker Environmental Awareness Training Program and agree to comply with all the environmental requirements presented.

Signature:



Print Name:

Edie Harrison

Date:

8/28/02

Presentation Administered By:

Terence Robertson

**CONDITION OF CERTIFICATION CUL-7  
WEEKLY SCHEDULES**

**METCALF ENERGY CENTER  
MONTHLY COMPLIANCE REPORT #11**

ID	Description	Start	Finish	Resource
00310	Temp Power for North Laydown	17JUN02A	10JUL02A	
00110	Furniture Installation	19JUN02A	24JUN02A	
00230	C.B.O. trailer Approval	21JUN02A	24JUN02A	
00100	Material Receiving	23JUN02A	30AUG02	
00250	Trailer Move- In	24JUN02A	26JUN02A	
00130	Stacy Witbeck P. L.	26JUN02A	28JUN02A	
00150	Drive Test Piles	26JUN02A	02JUL02A	
00140	UPRR Spur Cert./ Tamp.	28JUN02A	28JUN02A	
00180	Removal of MAM Temp Trailers	02JUL02A	03JUL02A	
00190	Submit Safety Trailer Relocation	02JUL02A	15JUL02A	
00170	Fill Concrete Pile and Cure	03JUL02A	15JUL02A	
00370	Submit Warehouse Concrete and	10JUL02A	19JUL02A	
00330	Restrike of PP6 / Additional probe	11JUL02A	12JUL02A	
00160	Test Pile Static Load Test	15JUL02A	24JUL02A	
00380	Resolve PG&E Access Road	15JUL02A	24JUL02A	
00200	Move Safety Trailer to Permanent	17JUL02A	17JUL02A	
00340	Remove the Material from the	19JUL02A	24JUL02A	
00320	Submittal of CT / CTG Power to	22JUL02A	02AUG02A	
00210	Connect Safety Trailer	24JUL02A	31JUL02A	
00290	Temporary Power to the CT /	25JUL02A	02AUG02A	
00390	Receive the CTG's	25JUL02A	25JUL02A	
00440	Complete "As Built" for the	29JUL02A	15AUG02	
00430	Redesign PG&E Access Road	29JUL02A	06AUG02A	
00300	Receive the CTs	31JUL02A	31JUL02A	
00400	Receive the HP/JP Section	04AUG02A	04AUG02A	
00350	Place Concrete Floor In	07AUG02A	09AUG02A	
00280	Modify Push Button Guard Rail	10AUG02A	10AUG02A	
00410	Drive Additional TP and PP	12AUG02A	14AUG02	
00460	Receive Top Grade Original Bid	13AUG02	19AUG02	
00420	Install Racking In Warehouse	13AUG02	15AUG02	
00240	CO for Safety Trailer	13AUG02	13AUG02	
00480	Place and Cure Concrete in TP's	14AUG02	22AUG02	
00260	Move In to Safety Trailer	14AUG02	14AUG02	
00360	Place Material Back Into	16AUG02	22AUG02	
00450	Complete the Traffic Light to RR	16AUG02	20AUG02	
00220	Raise Elect. Boxes Offsite	20AUG02*	22AUG02	
00270	Install PG&E Access Road	21AUG02*	27AUG02	
00470	Complete Additional Pile Static	28AUG02	05SEFP02	
00490	Begin Production Piling	06SEFP02*	19DECO02	

Start Date: 13MAY02  
 Finish Date: 19DEC02  
 Run Date: 13AUG02  
 Run Date: 13AUG02 10:03

Early Bar  
 Progress Bar  
 Critical Activity

MEC3  
 MEC 3 Week Rolling Schedule  
 Rolling 3 Week Schedule

Sheet 1 of 2  
 Date: \_\_\_\_\_  
 Revision: \_\_\_\_\_  
 Checked: \_\_\_\_\_  
 Approved: \_\_\_\_\_



**CONDITION OF CERTIFICATION PAL-4  
PALEO MONTHLY SUMMARY REPORT**

METCALF ENERGY CENTER  
MONTHLY COMPLIANCE REPORT #11

**Metcalf Energy Center Project  
Paleontological Resource Monitoring and Mitigation Program**

**Monthly Report**

**Project Name:** Metcalf Energy Center (MEC)

**Project Number:** 01-17

**Clients:** Calpine/CH2M Hill

**Month:** August 2002

**Designated Paleontological Resource Specialist:** Dr. Lanny H. Fisk, PhD, RG

**Monthly Report for August 2002:**

*During the month of August 2002, PaleoResource Consultants (PRC) worked with Calpine Corporation through its environmental consultants, CH2M Hill, to monitor and mitigate potential adverse impacts to paleontological resources (fossils) which might result from construction of the Metcalf Energy Center (MEC) and associated linear facilities (including a natural gas pipeline, cooling-water supply line, and electrical transmission line) all located in south San Jose, California. During August, there were no significant project-related ground-disturbing activities requiring paleontological monitoring at either the MEC plant site or along the right-of-way of linear facilities and no monitoring was performed. We have been notified that excavations for the MEC power plant, natural-gas pipeline, cooling-water pipeline, and electrical transmission line are not scheduled to start until sometime in September or later. PRC paleontological monitors are available and "on-call" for whenever earth moving resumes for the remainder of the MEC project.*

**CONDITION OF CERTIFICATION SOCIO-1  
PLANNED PROCUREMENT**

METCALF ENERGY CENTER  
MONTHLY COMPLIANCE REPORT #11

SOCIO-1: List of planned procurement of materials or hiring outside the local regional area during the next two months.

<b>Material/equipment</b>	<b>Manufacturer</b>	<b>Point of Origin</b>	<b>Reason</b>
Auxiliary cooling water pump	Flowserve	Mexico	Not available locally

**COMPLIANCE MATRIX**

**METCALF ENERGY CENTER  
MONTHLY COMPLIANCE REPORT #11**

METCALF ENERGY CENTER - COMPLIANCE MATRIX											
START OF MOBILIZATION/ROUGH GRADING											
START OF CONSTRUCTION											
1/14/2002											
9/17/2002											
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPW/CBO	Date approved by CPW/CBO	Status/Comments				
AQ-1	Minimize emissions of carbon monoxide (CO) and nitrogen oxides (NOx) from S-1 and S-3 GTs; and S-2 and S-4 HRSGs.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report								
AQ-2	Tune combustors of S-1 & S-3 GTs and S-2 and S-4 HRSGs duct burners to minimize emissions of CO and NOx.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report								
AQ-3	Install, adjust, and operate A-1 and A-2 SCR Systems to minimize emissions of CO and NOx from S-1 and S-3 GTs and S-2 and S-4 (HRSGs).	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report								
AQ-4	With steady-state operation of A-1 & A-2 SCR systems shall comply with NOx and CO emission limitations.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report								
AQ-5	Submit plan to DP&D and CPM describing procedures to be followed during commissioning of GTs, HRSGs, and STGs.	At least 28 days prior to first firing of the gas turbines, submit a complete commissioning plan	28 days prior to first fire of Gas Turbines								
AQ-6	Demonstrate compliance with conditions 8-10 through the use of properly operated and maintained CEMS and data recorders.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report								
AQ-7	Install, calibrate, operate District approved CEMS monitors prior to first firing of GTs and HRSGs.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report								
AQ-8	Total no. of firing hours for S-1 GT and S-2 HRSG without abatement of A-1 SCR shall not exceed 300 hours during commissioning.	In the MCR indicate the cumulative number of firing without SCR. Submit a copy of the completion notice to CPM.	Monthly Compliance Report								
AQ-9	Total no. of firing hours for S-3 GT and S-4 HRSG without abatement of A-3 SCR shall not exceed 300 hrs during commissioning period.	In the MCR indicate the cumulative number of firing without SCR. Submit a copy of the completion notice to the CPM.	Monthly Compliance Report								
AQ-10	Total mass emissions of NOx, CO, POC, PM10, and SO2 emitted by the GTs and HRSGs during the commissioning period shall accrue towards the consecutive 12-month emission limitations.	In the MCR indicate the cumulative number of firing without SCR. Submit a copy of the completion notice to the CPM.	Monthly Compliance Report								
AQ-11	Combined daily emissions from GTs and HRSGs shall not exceed the following during the commissioning period: Nox = 4905; CO = 11,498; POC = 495; PM10 = 488; SO2 = 42.	In the monthly compliance report indicate any violations of the emission limits	Monthly Compliance Report								
AQ-12	Submit to District and CPM a detail source test plan and conduct District and CEC approved source test using external CEMS to determine compliance with Condition 21.	20 working days before the execution of the source tests, submit to the District and CPM a detailed source test plan designed to satisfy the requirements of this condition.	20 days prior to source test per AQ-12								
AQ-12	Submit to District and CPM a detail source test plan and conduct District and CEC approved source test using external CEMS to determine compliance with Condition 21.	Source test results shall be submitted to the District and the CEC CPM within 30 days of the source testing date.	Within 30 days of source tests per AQ-12 complete								
AQ-12	Submit to District and CPM a detail source test plan and conduct District and CEC approved source test using external CEMS to determine compliance with Condition 21.	Notify the District and the CEC CPM.	Within seven (7) working days prior to the planned testing date								

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
AQ-13	GTs (S-1, S-3) and HRSG (S-2, S-4) shall be fired exclusively on natural gas. (BACT for SO2 and PM10)	As part of the semiannual Air Quality Reports, indicate the date, time, and duration of any violation of this condition.	Semiannual Air Quality Reports				
AQ-14	Combined heat input rate of each power train (S-1 & S-2, S-3 & S-4) shall not exceed 2,124 MMBtu/hr (3-hour rolling average) (PSD for NOx)	As part of the Air Quality monthly Reports, include information on the date and time when the hourly fuel consumption exceed this hourly limit.	Monthly Air Quality Reports				
AQ-15	Combined heat input rate of each power train (S-1 & S-2 and S-3 & S-4) shall not exceed 49,908 MMBtu/day (PSD for PM10)	As part of the Air Quality monthly Reports, include information on the date and time when the hourly fuel consumption exceed this daily limit.	Monthly Air Quality Reports				
AQ-16	Combined cumulative heat input rate of GTs (S-1, S-3) and HRSGs (S-2, S-4) shall not exceed 35,274,060 MMBtu/yr. (Offsets)	As part of the Air Quality annual Reports, include information on the date and time when the annual cumulative fuel consumption exceed this annual limit.	Annual Air Quality Reports				
AQ-17	HRSGs (S-2, S-4) duct burners shall not be fired unless associated GTs (S-1, S-3) are in operation. (BACT for NOx)	As part of the Air Quality Reports, include information on the date, time, and duration of any violation of this permit condition.	Monthly Air Quality Reports				
AQ-18	GT/HRSG (S-1/S-2) shall be abated by the A-1 SCR system whenever fuel is combusted in these units and the A-1 catalyst bed has reached min. operating temperature.	As part of the semiannual Air Quality Reports, provide information on any major problem in the operation of the Oxidizing Catalyst and Selective Catalytic Reduction Systems for the Gas Turbines and HRSGs.	Semiannual Air Quality Reports				
AQ-19	GT/HRSG (S-3/S-4) shall be abated by the A-2 SCR system whenever fuel is combusted in these units and the A-2 catalyst bed has reached min. operating temperature.	As part of the semiannual Air Quality Reports, provide info. on any major problem in the operation of the Oxidizing Catalyst and Selective Catalytic Reduction Systems for the Gas Turbines and HRSGs.	Semiannual Air Quality Reports				
AQ-20(a)	Emission requirements: Emission Point P-1 NOx = 19.2 lbs/hr [0.00904 lbs/MMBtu (HHV) of nat. gas fired]; Emission Point P-2 NOx = 19.2 lbs/hr [0.00904 lbs/MMBtu (HHV) of nat. gas fired].	As part of the semiannual Air Quality Reports, indicate the date, time, and duration of any violation. Include quantitative info. on the severity of the violation.	Semiannual Air Quality Reports				
AQ-20(b)	NOx Emission concentration = 2.5 ppmvd (corrected to 15% O2), 1-hr average (Emission Point P-1, P-2) (BACT for NOx).	Same as above	Semiannual Air Quality Reports				
AQ-20(c)	CO mass emission = 28.07 lbs/hr (at any 3-hour rolling avg.) (Emission Point P-1, P-2).	Same as above	Semiannual Air Quality Reports				
AQ-20(d)	When the heat input to a CT exceeds 1700 MMBTU/hr (HHV), the CO emission concentration shall not exceed 6.0 ppmvd on dry basis and the CO mass emission rate shall not exceed 0.0132 lb/MMBTU at any 3-hr rolling average.	Same as above	Semiannual Air Quality Reports				
AQ-20(e)	Ammonia (NH3) emission concentration shall not exceed 5 ppmvd on dry basis, at any 3-hour rolling avg. Ammonia injection rate to A-1, A-2 to be verified through continuous recording of rate.	Same as above	Semiannual Air Quality Reports				

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
AQ-20(f)	Precursor organic compounds (POC) mass emissions (as CH4) shall not exceed 2.7 lbs/hr or 0.00126 lbs/MMBTU of natural gas fired. (Emission points P-1, P-2).	Same as above	Semiannual Air Quality Reports				
AQ-20(g)	Sulfur dioxide (SO2) mass emissions at P-1, P-2 each shall not exceed 1.28 pounds per hour or 0.0006 lb/MM BTU of natural gas fired. (BACT)	Same as above	Semiannual Air Quality Reports				
AQ-20(h)	PM10 mass emissions at P-1, P-2 each shall not exceed 9 pounds per hour or 0.00452 lb PM10/MM BTU. Particulate matter (PM10) mass emissions at P-1, P-2 each shall not exceed 12 pounds per hour or 0.00565 lb PM10/MM BTU, when HRSG duct burners are in operation.	Same as above	Semiannual Air Quality Reports				
AQ-21	GT (S-1, S-3) Start-up and Shutdown emission rates.	Same as above	Semiannual Air Quality Reports				
AQ-22	Not more than one GT (S-1, S-2) shall be in start-up mode at any one time.	In the monthly compliance report indicate how this condition is being implemented.	Monthly Compliance Report				
AQ-23	HRSGs and ducting shall be designed such that an oxidation catalyst shall be readily installed if deemed necessary by AFCCO to insure compliance with CO emissions rates.	In the semiannual compliance report indicate how this condition is being implemented	Semiannual Air Quality Reports				
AQ-24	Total combined emissions in lbs/day, from GTs and HRSGs (S-1, S-2, S-3, S-4), including start-up and shutdown.	As part of the semiannual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Semiannual Air Quality Reports				
AQ-25	Cumulative combined emissions in tons/any consecutive 12-month period, from GTs and HRSGs shall not exceed Nox = 123.4 (offsets), CO=588, POC=28 (offsets), PM10=91.3 (offsets), SO2=10.6 (cumulative increase).	As part of the semiannual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Semiannual Air Quality Reports				
AQ-26	Maximum projected combined annual toxic air contaminant emissions from GTs and HRSGs (S-1, S-2, S-3, S-4), (a) formaldehyde = 3,796 lbs/yr (b) Benzene = 480 lbs/yr (c) PAHs=22.8 lbs/yr	As part of the annual Air Quality Reports, indicate the date, duration, and severity of any violation including quantitative information on the severity of the violation.	Annual Air Quality Reports				
AQ-26	Perform health risk assessment using emission rates per BAAQMD approved procedures and submit risk analysis to District and CPM.	As part of the annual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation or submit risk analysis to District and CPM.	Within 60 days of source test date				
AQ-27 (e-d)	Demonstrate compliance with conditions 14-17, 20(e-d), 21, 22, 24(a), 24(b), 25(a), 25(b) by using continuous monitors during all operating hours for the following parameters.	As part of the annual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Annual Air Quality Reports				

METCALF ENERGY CENTER - COMPLIANCE MATRIX									
START OF MOBILIZATION/ROUGH GRADING					1/14/2002				
START OF CONSTRUCTION					9/1/2002				
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments		
AQ-27(e-f)	Use parameters in condition 27(e-d) and District approved methods to calculate the following. (e) Heat input rate for S-1 & S-2 combined, and S-3 & S-4 combined (f) Corrected NOx and CO concentrations and mass emissions at each exhaust point (P-1, P-2)	As part of the annual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Annual Air Quality Reports						
AQ-27(g-h)	For each source, source grouping, or exhaust point record parameters at least once every 15 minutes and calculate and record for the following. Refer to AQ-27 for further details.	As part of the annual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Annual Air Quality Reports						
AQ-28(a-b)	Demonstrate compliance with conditions 20, 21, 24, 25 by calculating and recording on a daily basis POC, PM10, and SO2 mass emissions fine PM10 and SO2 from each power train.	As part of the monthly Air Quality Reports, the owner/operator shall indicate the date of any violation including quantitative information on the severity of the violation.	Monthly Air Quality Reports						
AQ-29	Calculate and record on annual basis the max. projected annual emissions of formaldehyde, benzene, Specified Poly-Aromatic Hydrocarbons (PAH's).	As part of the annual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Annual Air Quality Reports						
AQ-30	Within 60 days of startup, conduct a District-approved source test on exhaust points P-1 or P-2 to determine the corrected ammonia concentration to determine compliance with condition 20(e).	Source test protocols shall be submitted at least 90 days before startup. Approval of the source test protocols and the source test reports shall be deemed as verification for this condition.	90 days before startup						
AQ-30	Conduct a District-approved source test on exhaust points P-1 or P-2 to determine the corrected ammonia concentration to determine compliance with condition 20(e).	Conduct test within 60 days of startup	Within 60 days of startup						
AQ-30	Conduct a District-approved source test on exhaust points P-1 or P-2 to determine the corrected ammonia concentration to determine compliance with condition 20(e).	Submit source test results to the District and to the CEC CPM.	Within 30 days of the tests						
AQ-30	Conduct a District-approved source test on exhaust points P-1 or P-2 to determine the corrected ammonia concentration to determine compliance with condition 20(e).	Notify the District and the CEC CPM.	Within seven working days before the execution of the source tests.						
AQ-31	Conduct a District-approved source test on exhaust points P-1 and P-2 while each GT and HRSG are operating at max load.	Submit source test protocols. Approval of the source test protocols and the source test reports shall be deemed as verification for this condition.	90 days before startup						
AQ-31	Conduct a District-approved source test on exhaust points P-1 and P-2 while each GT and HRSG are operating at max load.	Conduct test within 60 days of startup and on annual basis thereafter.	Within 60 days startup						
AQ-31	Conduct a District-approved source test on exhaust points P-1 and P-2 while each GT and HRSG are operating at max load.	Notify the District and the CEC CPM.	Within seven (7) working days before the execution of the source tests						
AQ-31	Conduct a District-approved source test on exhaust points P-1 and P-2 while each GT and HRSG are operating at max load.	Submit source test results to the District and to the CEC CPM.	Within 30 days of the date of the tests						

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
AQ-32	Obtain approval for all source test procedures from District Source Test Section and CPM prior to conducting tests.	Provide a copy of source test protocol.	90 days before startup				
AQ-32	Obtain approval for all source test procedures from District Source Test Section and CPM prior to conducting tests.	Notify the District's Source Test Section and the CEC CPM in writing of the Source Test Protocols and projected test dates at least 7 days prior to the testing date(s).	7 days prior to testing date(s)				
AQ-33	Conduct a District-approved source test within 60 days of startup on each exhaust point (P-1, P-2). Also test the GTs at minimum load.	Notify the District and the CEC CPM at least 7 working days before the owner/operator plans to conduct source testing as required by this condition.	Execution of the Source Tests within 60 days of startup				
AQ-33	Conduct a District-approved source test within 60 days of startup on each exhaust point (P-1, P-2). Also test the GTs at minimum load.	Conduct test.	Within 60 days of startup and on biennial basis thereafter				
AQ-33	Conduct a District-approved source test within 60 days of startup on each exhaust point (P-1, P-2). Also test the GTs at minimum load.	Source test results shall be submitted to the District and the CEC CPM.	Within thirty (30) days of conducting the test				
AQ-34	Submit all reports as required by District Rules or Regulations and in accordance with all procedures and time limits.	Submit a copy of test protocols at least 90 days before startup.	90 days before startup				
AQ-35	Maintain records and reports on site for a minimum of 5 years.	During site inspection, make all records and reports available to the District, California Air Resources Board, and CEC staffs.	AQ Inspection per AQ-35				
AQ-36	Notify District and CPM of any violations of these permit conditions.	Submit all of these notifications as required by this condition is the verification of these permit conditions.	Violation of Permit Conditions				
AQ-37	Stack height of emission points (P-1, P-2) shall be at least 145 feet above grade at the stack base. (GT/HRSG stack height).	Submit the drawings for review and approval.	45 days prior to the release to the manufacturer	7/15/02	7/23/02		Submitted
AQ-38	Provide adequate stack sampling ports and platforms to enable the performance of source testing.	120 days before initial operation, submit to the BAAQMD and the CEC CPM a plan for the installation of stack sampling ports and platforms.	120 days before Initial Operation	2/1/04			
AQ-38	Provide adequate stack sampling ports and platforms to enable the performance of source testing.	Within 60 days of receipt of the plan, the BAAQMD will advise the Owner/Operator and the CPM of the acceptability of the plan.	Approval by BAAQMD and CPM after submittal				
AQ-39	Contact the BAAQMD Technical Services division regarding requirements for the continuous monitors, sampling ports, platforms, and source tests.	Contact the BAAQMD Technical Services division.	Within 180 days of issuance of Authority to Construct	8/12/02	7/28/02		In progress
AQ-39	Contact the BAAQMD Technical Services division regarding requirements for the continuous monitors, sampling ports, platforms, and source tests.	Notify the CEC CPM at least seven (7) working days before these contacts are made.	7 days before contacts are made	8/5/02	2/28/02	N/A	Complete
AQ-40	Demonstrate valid ERCS in the amount of 212.75 tons/year of NOx and 28 tons/year of POC or equivalent as defined by District Regs 2-2-302.1 and 2-2-302.2	No more than 30 days after the issuance of an Authority to Construct, provide a copy of the ATC to the CEC CPM for review.	Within 30 days after issuance of Authority to Construct	3/15/02	2/22/02	N/A	Complete

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START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
AQ-41	Provide to District valid ERC banking certificates in the amount of 212.75 tons/yr of Nox and 28 tons/yr of POCs or equivalent.	At least 30 days prior to the start of construction, submit a copy of the required offset or ERCs certificates to the CPM.	30 days prior to start of construction	8/2/02	7/26/02	N/A	Complete
AQ-42	Submit an application to the BAAQMD for a major facility review permit within 12 months of the issuance of the PSD permit for the MEC.	Submit an application to BAAQMD major facility review permit. Notify the CEC CPM of the submittal of this application.	Within 12 months of issuance of PSD Permit		1/9/02	N/A	Complete
AQ-42	Submit an application to the BAAQMD for a major facility review permit within 12 months of the issuance of the PSD permit for the MEC.	Submit to the CPM a copy of the Federal (Title V) Operating Permit.	30 days after permit issued				Expect to receive permit in June 2003.
AQ-43	Submit an application to the District for a Title IV operating permit at least 24 months prior to the initial operation of any GTs or HRSGs.	Submit to the CPM a copy of the application for the Title IV operating permit.	24 months before initial operation		8/1/01		
AQ-44	Comply with the continuous emission monitoring requirements of 40 CFR Part 75.	Submit to the CPM a plan on how the measurements and recordings required by this condition will be performed.	60 days before Initial Operation				
AQ-45	Take monthly samples of natural gas combusted at MEC and analyze these samples for sulfur content using District-approved lab methods.	Maintain on site the records of all the guarantees received from its natural gas suppliers indicating that the fuel delivered to MEC complies with the 40 CFR Part 60, Subpart GG.	On-site Compliance Inspections				
AQ-46	Cooling towers shall be properly maintained to minimize drift losses.	Submit a performance guarantee letter from the cooling tower manufacturer.	30 days prior to installation of Cooling Tower per AQ-46				
AQ-47a	Perform visual inspection of cooling tower drift eliminators once per calendar year and repair or replace any drift eliminators which are broken or missing.	As part of the monthly Air Quality Reports, indicate the date of any violation of this Condition.	Monthly Air Quality Reports				
AQ-47b	Have cooling tower representative inspect the cooling tower drift eliminators and certify installation was performed in a satisfactory manner.	Have cooling tower representative inspect the cooling tower drift eliminators and certify installation.	Initial Operation				
AQ-47c	Perform an initial performance source test to determine the PM10 emission rate from the cooling tower to verify compliance with the vendor-guaranteed drift rate.	As part of the monthly Air Quality Reports, indicate the date of any violation of this Condition.	Within 60 days of initial operation of the cooling tower				
AQ-48	Implement a CPM approved Fugitive Dust Control Plan during construction.	Submit the plan to the CEC CPM for review and approval.	60 days prior to start of construction	6/12/01	6/12/01	10/12/01	Complete
AQ-48	Implement a CPM approved Fugitive Dust Control Plan during construction.	Maintain daily records to document the specific actions taken pursuant to the plan. Summary of activities in MCR.	Monthly Compliance Report				In progress
AQ-49	During construction owner shall: 1. Prevent or remove within 1-hour the track-out of bulk material onto public paved roads 2. Install and use a track-out control device 3. Minimize fugitive particulate emission. Daily inspections of conditions mandated.	The project owner shall maintain a daily log during the construction phase of the project. The logs shall be made available to the CEC CPM upon request.	Start of Construction				In progress
AQ-50	Identify the source of the fugitive dust and implement one or more of the appropriate control measures specified in Table 3.	Maintain a daily log recording the dates and times that measures have been implemented and make them available to the CEC CPM upon request.	Start of Construction				In progress

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START OF MOBILIZATION/ROUGH GRADING		11/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
AQ-51	Provide the District with valid ERC certificates for PM10 for the amount of 29.21 tons per year and for VOC for the amount of 124.2 tons per year from the sources noted in Condition 51.	At least 30 days prior to the start of construction, the project owner must submit a copy of the required ERC certificates to the CPM and the District.	30 days prior to start of construction	8/2/02	7/26/02	N/A	Complete
AQ-52	The project owner shall mitigate, to the extent practical, construction related emission impacts from off-road, diesel fired construction equip. Details of Plans shown in Condition AQ-52.	Submit to the CPM for approval the qualifications of the CMM at least 45 days prior to due date for diesel construction equipment.	45 days prior to rough grading	11/30/01	8/27/01	9/27/01	Complete
AQ-52	The project owner shall mitigate, to the extent practical, construction related emission impacts from off-road, diesel fired construction equip. Details of Plans shown in Condition AQ-52.	Submit Construction Equipment Mitigation Plan 30 days prior to rough grading or construction of linear facilities.	30 days prior to rough grading	12/15/01	9/7/01	9/27/01	Complete
AQ-52	The project owner shall mitigate, to the extent practical, construction related emission impacts from off-road, diesel fired construction equip. Details of Plans shown in Condition AQ-52.	Submit Report of Change to the CPM no later than 10 working days after use of equipment on site.	10 days after use of equipment on site				
AQ-53	The heat input to the fire pump diesel engine shall not exceed 211 MM BTU totaled over any consecutive twelve month period.	As part of the monthly Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Monthly Air Quality Reports				
AQ-54	The total hours of operation of the emergency generator shall not exceed 200 hours per calendar year, plus an additional 100 hours per calendar year for the purposes of maintenance and testing.	As part of the monthly Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Monthly Air Quality Reports				
AQ-55	Install an oxidation catalyst to control VOC emissions.	As part of its final design plans, specifications, and drawings, submit to the District and the CPM for review and approval the final selection and design details of combustion equipment, including emission systems.	Submittal of final design plans				
Public Health-1	Perform a visual inspection of the cooling tower drift eliminators once per calendar year. Prior to initial operation of the project, have the cooling tower vendor's field representative inspect the cooling tower drift eliminator and certify that the installation was performed in a satisfactory manner.	Prior to initial operation of the project, have the cooling tower vendor's field representative inspect the cooling tower drift eliminator and certify that the installation was performed in a satisfactory manner.	Prior to initial operation				
Public Health-1	Perform a visual inspection of the cooling tower drift eliminators once per calendar year. Prior to initial operation of the project, have the cooling tower vendor's field representative inspect the cooling tower drift eliminator and certify that the installation was performed in a satisfactory manner.	The project owner shall include the results of the annual inspection of the cooling tower drift eliminators and a description of any repairs performed in the next required compliance report.	Annual Compliance Report				

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START OF MOBILIZATION/ROUGH GRADING									
START OF CONSTRUCTION									
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments		
WORKER SAFETY 1	Project Construction Safety and Health Program, containing the following: A Construction Injury and Illness Prevention Program, A Construction Fire Protection and Prevention Plan, A Personal Protective Equipment Program.	Submit to the CPM a copy of the Project Construction Safety and Health Program and the Personal Protective Equipment Program, with a copy of the cover letter transmittal of the programs to Cal/OSHA.	30 days prior to start of construction	8/2/02	9/27/01 (Bechtel)	2/1/02 (Bechtel)	Resubmitted for Mortenson, OSHA Consultation completed 2/21/02. Submitted OSHA approval of Mortenson Plan 3/12/02.		
WORKER SAFETY 1	Project Construction Safety and Health Program, containing the following: A Construction Injury and Illness Prevention Program, A Construction Fire Protection and Prevention Plan, A Personal Protective Equipment Program.	Submit to the CPM a letter from the San Jose Fire Department stating that they have reviewed and accepted the Construction Fire Protection and Prevention Plan.	30 days prior to start of construction	8/2/02	7/31/01	2/1/02	Complete for preconstruction. Response to Fire Depts. comments submitted 4/9/02.		
WORKER SAFETY 2	Project Operation Safety and Health Plan containing the following: Operation Injury and Illness Prevention Plan, Emergency Action Plan, Operation Fire Protection Plan, Personal Protective Equipment Program.	The Plan shall be submitted to the Cal/OSHA Consultation Service, for review and comment concerning compliance of the program with all applicable Safety Orders	Start of Operation						
WORKER SAFETY 2	Project Operation Safety and Health Plan containing the following: Operation Injury and Illness Prevention Plan, Emergency Action Plan, Operation Fire Protection Plan, Personal Protective Equipment Program.	Submit to the CPM a copy of the final version of the Project Operation Safety & Health Program with a copy of the cover letter to Cal/OSHA's Consultation Service, and San Jose Fire Department comments stating that they have reviewed and accepted the specified elements of the Plan.	30 days prior to start of operation						
WORKER SAFETY 3	Reach an agreement with the San Jose Fire Dept on the amount of fees and timing of payment they will provide to cover project-specific impacts associated with worker safety and fire protection.	Provide the CPM with a copy of an agreement with the City of San Jose Fire Department or shall provide an interim plan to address impacts until a permanent agreement can be reached.	60 days prior to ground disturbance	11/15/01	7/20/01	2/1/02	Complete		
WORKER SAFETY 3	Reach an agreement with the San Jose Fire Dept on the amount of fees and timing of payment they will provide to cover project-specific impacts associated with worker safety and fire protection.	If an agreement cannot be reached at least 60 days prior to construction, the project owner will inform the CPM and propose a plan to mitigate impacts on fire services.	60 days prior to ground disturbance	11/15/01	7/20/01	2/1/02	Complete		
TLN-1	The project owner shall construct the proposed transmission line according to the requirements of Section 2700 through 2974 of the California Code of Regulations and PG&E's EMF-reduction measures.	Submit to the CPM a letter affirming that the transmission line will be constructed according to the requirements.	30 days prior to start of construction of Transmission Line						
TLN-2	Identify and correct any complaints of interference w/ radio and TV signals from operation of line and facilities.	All reports of line-related complaints shall be summarized and included for 5 years in the Annual Compliance Report to the CPM	Annual Compliance Report						
TLN-3	Engage a qualified consultant to measure the strengths of the line electric and magnetic fields in the project owner's 240-foot section before and after the 230 kV line is energized.	File copies of the pre-and post energization measurements with CPM. These measurements shall be completed within 6 months of the start of the operations.	60 days after completion of measurements						

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START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
TLSN-4	Ensure that the transmission line right-of-way is kept free of combustible material.	Provide a summary of inspection results and any fire prevention activities carried out along the ROW in the annual compliance report.	Annual Compliance Report				
TLSN-5	Ensure the grounding of any ungrounded permanent metallic objects within the right-of-way of the overhead section.	Transmit to the CPM a letter confirming compliance with this Condition	30 days prior to energization of transmission line				
HAZ-1	Do not use any hazardous material in reportable quantities, not listed in Attachment 1 or in greater quantities or strengths than those identified unless approved in advance by Santa Clara County and the CPM.	Provide to the CPM and Santa Clara County, in the Annual Compliance Report, a list of hazardous materials contained at the facility in reportable quantities.	Annual Compliance Report				
HAZ-2	Provide a Risk Management Plan to Santa Clara County and the CPM for review at the time the plans are first submitted to the EPA.	Provide a Risk Management Plan to Santa Clara County and the CPM for review at the time the plans are first submitted to the U.S. EPA.	60 days prior to delivery of Aqueous Ammonia				
HAZ-2	Provide a Risk Management Plan to Santa Clara County and the CPM for review at the time the plans are first submitted to the EPA.	Include all recommendations of Santa Clara County and the CPM in the final document. At least 60 days prior to the delivery of aqueous ammonia to the facility, provide the final approved plans listed above to the CPM.	60 days prior to delivery of Aqueous Ammonia				
HAZ-3	Develop and implement a safety management plan for delivery of ammonia.	Provide a safety management plan as described above to the CPM for review and approval.	60 days prior to delivery of Aqueous Ammonia				
HAZ-4	The aqueous ammonia storage facility shall be designed to either the ASME Pressure Vessel Code and ANSI K61.6 or to API 620.	Submit final design drawings and specifications for the ammonia storage tank and secondary containment basin to the County of Santa Clara and the City of San Jose for review and approval.	60 days prior to delivery of Aqueous Ammonia				
HAZ-5	Provide a covered secondary containment basin to passively contain any spill during the delivery of aqueous ammonia to the storage facility.	Provide detailed design drawings and specifications for the secondary containment basin to the County of Santa Clara and the City of San Jose for review and approval.	60 days prior to construction of ammonia secondary containment				
HAZ-6	The project owner shall require that the gas pipeline undergo a complete design review and detailed inspection every 30 years and each 5 years thereafter.	Provide a detailed plan to accomplish a full and comprehensive pipeline design review in the future to the CPM for review and approval.	30 days prior to initial gas flow in pipeline				
HAZ-7	Prepare and implement a pipeline maintenance plan.	Provide a detailed plan to accomplish a full and comprehensive pipeline inspection in the event of an earthquake to the CPM for review and approval.	30 days prior to initial gas flow in pipeline				

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Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
HAZ-8	The project owner shall direct all vendors delivering any hazardous material to the site to use only the route approved by the CPM.	At least sixty (60) days prior to receipt of any hazardous materials on site, the project owner shall submit copies of the required transportation route limitation to the County of Santa Clara and City of San Jose for review and comment, and to the CPM for review and approval.	60 days prior to delivery of hazardous materials				
HAZ-9	The natural gas pipeline shall be designed to meet CPUC General Order 112-D and 58 A standards, or any successor standards, and will be designed to meet Class III service.	Submit design and operation specifications to the CPM for review and approval.	Prior to initial gas flow in pipeline				
HAZ-10	Design and operate the facility to ensure that no fuels or lubricants are permanently or temporarily stored within 100 feet of the sulfuric acid tank.	Provide copies of the facility design drawings showing the location of the sulfuric acid storage tank and the route for transport.	60 days prior to delivery of Sulfuric Acid				
HAZ-11	The project owner shall direct all vendors delivering aqueous ammonia to the site to use only transport vehicles which meet or exceed the specifications of the DOT MC-307 tanker trucks.	Submit copies of the notification letter to supply vendors indicating the transport vehicle specifications to the CPM for review and approval.	60 days prior to receipt of aqueous ammonia on site				
HAZ-12	Design, construct, and operate the project in conformance with all applicable laws, ordinances, regulations, and standards pertaining to the transport, storage, and handling of hazardous materials.	Submit final design drawings and specifications for all hazardous material storage areas and equipment to Santa Clara County and the City of San Jose for review and comment, and to the CPM for review and approval.	60 days prior to delivery of Hazardous Materials				
WASTE-1	Obtain a Hazardous Waste Generator Identification Number from the Department of Toxic Substances Control prior to generating any hazardous waste.	Keep its copy of the identification number on file at the project site and notify the CPM via the monthly compliance report of its receipt.	Notify via Monthly Compliance Report	12/14/02	12/14/02	N/A	Complete
WASTE-1	The project owner shall obtain a Hazardous Waste Generator Identification Number from the Department of Toxic Substances Control prior to generating any hazardous waste. (Operation).	Keep copies of the ID number and permit on file and notify the CPM via the monthly compliance report of their receipt - (operation)	Notify via Monthly Compliance Report				
WASTE-2	Upon becoming aware of any impending waste management-related enforcement action, notify the CPM of any such enforcement action.	Notify the CPM in writing within 10 days of becoming aware of an impending enforcement action.	Within 10 days of becoming aware of an impending enforcement action				
WASTE-3	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	Submit the construction waste management plan to the CPM for review.	60 days prior to start of construction	7/5/02	6/12/01	7/27/01	Complete
WASTE-3	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	Submit any required revisions within 30 days of notification by the CPM (or mutually agreed upon date).	Revise within 30 days of notification by CPM				

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START OF MOBILIZATION/ROUGH GRADING			1/11/2002				
START OF CONSTRUCTION			9/1/2002				
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
WASTE-3	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	The operation waste management plan shall be submitted no less than 60 days prior to the start of project operation.	60 days prior to start of operation				
WASTE-3	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	The project owner shall submit any required revisions within 30 days of notification by the CPM (or mutually agreed upon date).	Revise within 30 days of notification by CPM				
WASTE-3	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	In the Annual Compliance Reports, document the actual waste management methods used during the year compared to planned management methods.	Annual Compliance Report				
WASTE-4	Have a registered PE available for consultation during soil excavation and grading activities.	Submit the qualifications and experience of the Registered Professional Engineer or Geologist to the CPM for approval.	30 days prior to ground disturbing activity	12/15/01	8/1/01	8/16/01	Complete
WASTE-5	If potentially contaminated soil is unearthed during excavation the environmental professional shall inspect the site.	Notify the CPM in writing within 5 days of any reports filed by the environmental professional	Within 5 days of filing reports				
WASTE-5	If potentially contaminated soil is unearthed during excavation the environmental professional shall inspect the site.	If significant remediation may be required, contact representatives of the Santa Clara County and Dept of Toxic Substances Control. Notify the CPM in writing within 5 days of any reports filed.	Within 5 days of filing reports				
WASTE-6	Obtain a Hazardous Material Clearance Form from the Santa Clara County Hazardous Materials Compliance Division.	Provide an approved copy of the Hazardous Material Clearance Form to the CPM.	Prior to the start of construction	3/20/02	3/20/02	3/20/02	Complete
WASTE-7	The project owner shall perform additional limited investigations to fully characterize the site.	Prior to the start of construction, submit analytical results of the additional sampling to the CPM as a ESA Addendum.	Prior to the start of construction	2/21/02	2/21/02	N/A	Complete
WASTE-8	All site debris shall be removed from the site after owner has control of the site.	Notify the CPM in writing within ten days of removal of site debris.	Within 10 days after removal of site debris	9/10/01	9/10/01	10/2/01	Complete
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	Updates on trail developments in the area around the site.	Monthly Compliance Report				
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	Submit to the City of San Jose Departments of Planning and Public Works for review of the trail design and maintenance plan.	Start of Construction of Trail				
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	Prior to the start of a trail that the MEC trail could be connected to, submit designs and the maintenance plan to the CPM.	180 days prior to start of construction of trail				
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	Notify the CPM that the trail segment has been completed and is ready for inspection.	Within 7 days after completion of trail segment				
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	In the Annual Compliance Reports provide updates on trail developments in the area around the site.	Annual Compliance Report				

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LAND-2	Landscaping the parking area consistent with the "Orchard Planting" Guidelines of the North Coyote Valley Campus Industrial Area Master Development Plan.	Submit to the City of San Jose for review and comment and to the CPM for approval a revised landscape plan	30 days prior to start of construction	8/2/02	8/7/02		Submitted
LAND-2	The project owner shall landscape the parking area consistent with the "Orchard Planting" Guidelines of the North Coyote Valley Campus Industrial Area Master Development Plan.	Notify the CPM that the work has been completed and is ready for inspection.	7 days after completion of landscaping				
LAND-3	The project owner shall design and construct the project to satisfy the setback requirements	Submit the final design plans to the CPM for approval.	60 days prior to start of construction	7/30/02	9/20/2001 11/14/01 3/12/02	12/10/2001 3/28/02	Complete
LAND-3	The project owner shall design and construct the project to satisfy the setback requirements	Notify the CPM that the boundaries are ready for inspection.	Prior to construction of specified facilities and structures		7/23/02 (cooling tower)		Submitted for cooling tower foundation only
LAND-3	The project owner shall design and construct the project to satisfy the setback requirements	Submit the final design plans to the San Jose review and comment.	60 days prior to start of construction	7/30/02	9/20/2001 3/12/02	N/A (City of San Jose)	Complete
LAND-3	The project owner shall design and construct the project to satisfy the setback requirements	Notify the CPM that the facilities and structures are completed and are ready for inspection.	7 days after completion of specified facilities and structures				
LAND-4	Ensure that any project directional signs, identify signs, and gatehouses comply with the "Entry Identification" guidelines.	Submit to the CPM for approval a site plan that demonstrates that the project complies with the "Entry Identification" guidelines.	90 days prior to commercial operation				
LAND-4	Ensure that any project directional signs, identify signs, and gatehouses comply with the "Entry Identification" guidelines.	Submit to the City of San Jose for review and comment a site plan.	90 days prior to commercial operation				
LAND-4	Ensure that any project directional signs, identify signs, and gatehouses comply with the "Entry Identification" guidelines.	Notify the CPM that these requirements have been satisfied and are ready for inspection.	Commercial Operation				
LAND-5	Acquire from the property owners (Passantino) immediately south of the MEC site a restrictive covenant agreement.	Submit to the CPM a recorded copy of the Agreement.	90 days prior to start of construction	6/3/02	6/12/01	9/14/01	Complete
LAND-5	Acquire from the property owners (Passantino) immediately south of the MEC site a restrictive covenant agreement.	Submit a landscape plan to the CPM for review and approval and the City of San Jose for review and comment.	Within sixty (60) days of sale of the Passantino property				
LAND-5	Acquire from the property owners (Passantino) immediately south of the MEC site a restrictive covenant agreement.	Notify the CPM that the landscaping has been completed and is ready for inspection.	7 days after completion of landscaping				
LAND-6	Ensure the protection of soil while using agricultural land as a construction laydown and parking area.	Notify the CPM that the protective measures stated above will be applied prior to the delivery of any construction materials.	30 days prior to delivery of construction materials	9/19/01	9/19/01	9/21/01	Complete
LAND-6	Ensure the protection of soil while using agricultural land as a construction laydown and parking area.	Submit photographic evidence of the application.	7 days after completion of protective measures	3/14/02 5/10/2002	3/14/02 5/10/2002	7/8/02	Complete
LAND-6	Ensure the protection of soil while using agricultural land as a construction laydown and parking area.	Notify the CPM that the agricultural field used as the laydown area has been tilled and shall submit photographs of the tilled field.	30 days prior to commercial operation				

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Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CEO	Date approved by CPM/CEO	Status/Comments
LAND-7	Ensure that any additional construction laydown areas needed along all pipeline routes are located within existing paved or gravel areas.	Submit a detailed map showing the location of any planned laydown areas along the pipeline routes and photographs of the areas.	60 days prior to construction of pipelines				
LAND-8	Obtain all necessary licenses and easement rights from Santa Clara County to route the natural gas supply pipeline through the Coyote Creek Parkway.	Submit the plan to the Santa Clara County Parks and Recreation Department for review and obtain licenses and easements.	Prior to submittal to CPM				Option agreement signed 6/4/02. Will exercise option 45 days prior to construction of gas pipeline.
LAND-8	Obtain all necessary licenses and easement rights from Santa Clara County to route the natural gas supply pipeline through the Coyote Creek Parkway.	Submit to the CPM a copy of all licenses and easements secured from Santa Clara County and submit to the CPM a plan that describes how construction activities will be timed to avoid permitted park events.	30 days prior to construction of gas pipeline	4/15/03			
LAND-8	Obtain all necessary licenses and easement rights from Santa Clara County to route the natural gas supply pipeline through the Coyote Creek Parkway.	Submit to the CPM an update of planned construction dates for the following week and a schedule of planned park events.	Weekly gas pipeline report				
LAND-9	Route the water supply and wastewater discharge pipelines through open agricultural areas to avoid the direct loss of orchard trees.	Submit to the CPM for review and approval a site plan that shows the precise alignment of the pipelines in relation to existing orchard trees.	60 days prior to construction of water supply and waste water pipelines				
LAND-9	Route the water supply and wastewater discharge pipelines through open agricultural areas to avoid the direct loss of orchard trees.	Notify the CPM that stakes have been installed and the route is ready for inspection.	7 days prior to ground disturbing activities related to pipeline construction				
LAND-10	During pipeline construction, stockpile excavated topsoil separate from subsoil in agricultural areas.	Submit a description of the procedure to minimize alteration of original soil stratigraphy.	30 days prior to ground disturbing activities related to pipeline construction				
LAND-10	During pipeline construction, stockpile excavated topsoil separate from subsoil in agricultural areas.	Notify the CPM of the schedule for trenching.	7 days prior to trenching for pipeline				
LAND-10	During pipeline construction, stockpile excavated topsoil separate from subsoil in agricultural areas.	Submit photographs to the CPM that demonstrates that the topsoil has been kept separate from the subsoil.	7 days after start of trenching for pipeline				
LAND-10	During pipeline construction, stockpile excavated topsoil separate from subsoil in agricultural areas.	Notify the CPM of the schedule for backfilling.	7 days prior to backfilling trenches				
LAND-11	The heat recovery steam generator stacks shall be limited to 145 feet above finished grade.	Submit the final design specifications to the CPM for review and approval.	60 days prior to start of construction				Complete
TRANS-1	Comply with Caltrans and Santa Clara County limitation on vehicle sizes and weights.	Provide the number of any oversize and overweight transportation permits received during that reporting period.	Monthly Compliance Report	7/30/02	9/20/01	10/17/01	In progress
TRANS-2	Comply with Caltrans and County limitations for encroachment into public rights-of-way and shall obtain necessary encroachment permits.	Submit copies of any encroachment permits received during that reporting period in the Monthly Compliance Report.	Monthly Compliance Report				Caltrans encroachment permit for gas pipeline submitted in May Report.
TRANS-3	Ensure that all federal and state regulations for the transport of hazardous materials are observed.	Copies of all permits and licenses acquired concerning the transport of hazardous substances.	Monthly Compliance Report				

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING				1/14/2002			
START OF CONSTRUCTION				9/1/2002			
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
TRANS-4	The project owner shall enter into a Crossing Agreement with UPRR.	If the permanent crossing warning equipment is not in place, submit a traffic plan for the crossing to UPRR for review.	60 days prior to site preparation	11/15/01	8/16/01	8/16/01	Complete
TRANS-4	The project owner shall enter into a Crossing Agreement with UPRR.	Submit the executed Crossing Agreement to the CPM for approval.	60 days prior to site preparation	11/15/01	8/16/01	8/16/01	Complete
TRANS-4	Install railroad grade crossing warning equipment at the RR crossing for Blanchard Road.	Inform the CPM when the final grade crossing warning equipment is ready for inspection.	Installation of final grade crossing equipment	3/4/02	3/4/02		Submitted
TRANS-5	Consult with Santa Clara Co., San Jose, and Caltrans & prepare a Const. Traffic Control Plan and implementation program.	Provide to Santa Clara County, City of San Jose and Caltrans, and to the CPM, a copy of construction traffic control plan and implementation program.	30 days prior to start of site preparation	10/2/01	10/2/01	10/24/01	Complete
TRANS-6	Repair roadways to original or as near original condition as possible. Refer to TRANS 6 for further details	Photograph, videotape, or digitally record Monterey Rd. between Metcalf Rd. and Blanchard Rd. Provide the CPM, Santa Clara County and Caltrans with a copy of these images.	Prior to start of site preparation	11/15/01	8/9/01	8/13/01	Complete
TRANS-6	Repair roadways to original or as near original condition as possible. Refer to TRANS 6 for further details	Photograph, videotape, or digitally record Monterey Rd. between Metcalf Rd. and Blanchard Rd. Provide the CPM, Santa Clara County and Caltrans with a copy of these images.	Start of ground disturbing activities related to pipeline construction				
TRANS-6	Following completion of construction of the power plant and all related facilities, the project owner shall repair roadways to original or as near original condition as possible.	Notify Caltrans about the schedule for project construction.	60 days prior to site preparation	11/15/01	8/9/01	8/13/01	Complete
TRANS-6	Following completion of construction of the power plant and all related facilities, the project owner shall repair roadways to original or as near original condition as possible.	Meet with the CPM, Santa Clara County, the City of San Jose and Caltrans to determine actions necessary for repair of roadways.	30 days after completion of project construction				
TRANS-7	Prepare and submit a parking and staging plan for all phases of project construction.	Submit the parking and staging plan to the City of San Jose and Santa Clara County for review and comment, and to the CPM for approval.	60 days prior to start of site preparation	10/2/01	10/2/01	10/24/01	Complete
TRANS-8	Prior to the start of commercial operation of MEC, the project owner shall complete a two-lane secondary access connection.	Contact the City regarding the status of the off-site portion of the Santa Teresa Boulevard connection and inform the CPM.	12 months prior to commercial operation				
TRANS-8	Prior to the start of commercial operation of MEC, the project owner shall complete a two-lane secondary access connection.	Notify the City and CPM that the portion of the Santa Teresa Boulevard connection constructed by MEC is ready for inspection.	60 days prior to commercial operation				
NOISE-1	Notify all residents and business entities within one mile of the site of the start of construction and operation of the project.	Notify residents and establish/post telephone number	15 days prior to start of rough grading and steam blows	12/30/01	10/3/01	N/A	Complete for start of rough grading
NOISE-1	Notify all residents and business entities within one mile of the site of the start of construction and operation of the project.	A statement signed by the project manager attesting that the above notification has been performed.	Monthly Construction Report Following the Start of Rough Grading	2/14/02	2/14/02	N/A	Complete

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING							
START OF CONSTRUCTION							
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
NOISE-1	Notify all residents and business entities within one mile of the site of the start of construction and operation of the project.	A statement signed attesting that notification was sent to all residents within a 1-mile radius of the project.	Commence Steam blow				
NOISE-1	Notify all residents and business entities within one mile of the site of the start of construction and operation of the project.	Transmit a statement signed by the project manager attesting that a notification was sent to all residents within a one-mile radius of the project.	Monthly Construction Report Following the Steam Blow activity				
NOISE-2	Throughout the construction and operation, document, investigate, evaluate and attempt to resolve all project related noise complaints.	File a copy of the Noise Complaint Resolution Form with City of San Jose and with the CPM documenting the resolution of the complaint.	30 days after receiving a noise complaint				
NOISE-3	Submit to the CPM for review a Noise Control Program.	Submit to the CPM the above referenced program.	30 days prior to Rough Grading	12/15/01	6/12/01	7/27/01	Complete
NOISE-4	If a traditional high-pressure steam blow process is employed, equip steam blow piping with a temporary silencer.	Submit to the CPM drawings describing the temporary steam blow silencer, and a description of the steam blow schedule.	15 days prior to first Steam Blow				
NOISE-5	Conduct a 25-hour Community Noise Survey when first achieving an output of 80 percent of rated capacity.	Submit a summary report of the survey to City of San Jose and the CPM.	Within 30 days after completing survey				
NOISE-5	Conduct a 25-hour Community Noise Survey when first achieving an output of 80 percent of rated capacity.	Submit to the CPM a summary report of a new noise survey.	Within 30 days of completion of installation of these measures				
NOISE-6	The project owner shall conduct an occupational noise survey to identify the noise hazardous areas in the facility.	The survey shall be conducted within thirty (30) days after the facility is operating at an output of 80% of rated capacity or greater	Thirty days after the facility is operating at an output of 80%				
NOISE-6	The project owner shall conduct an occupational noise survey to identify the noise hazardous areas in the facility.	Submit the noise survey report to the CPM. The project owner shall also submit the report to OSHA upon request.	Within 30 days after completing the survey				
NOISE-7	Construction shall be restricted to the hours of: 7 a.m. to 7 p.m. on weekdays and from 8 a.m. to 6 p.m. on weekends and holidays.	Transmit a statement certifying that the above restrictions will be observed throughout the construction of the project.	First Monthly Compliance Report	11/15/02	11/15/02	N/A	Complete
VIS-1	Treat the project structures, buildings, and tanks visible to the public in a non-reflective color.	Submit proposed plan to the CPM for review and approval.	60 days prior to ordering first equipment that is color treated	8/1/02	8/1/02		Submitted for cooling tower color only.
VIS-1	Treat the project structures, buildings, and tanks visible to the public in a non-reflective color.	If the CPM notifies the project owner that any revisions of the plan are needed, shall submit to the CPM a revised plan.	Within 30 days of receiving notification				
VIS-1	Treat the project structures, buildings, and tanks visible to the public in a non-reflective color.	Notify the CPM that all structures treated during manufacture and all structures treated in the field are ready for inspection.	Not less than thirty (30) days prior to the start of commercial operation				
VIS-1	Treat the project structures, buildings, and tanks visible to the public in a non-reflective color.	The project owner shall provide a status report regarding treatment maintenance in the Annual Compliance Report.	Annual Compliance Report				
VIS-2	Any fencing for the project shall be non-reflective.	Submit the specifications to the CPM for review and approval.	At least 30 days prior to ordering the non-reflective fencing				

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
START OF MOBILIZATION/ROUGH GRADING						
START OF CONSTRUCTION						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Data	Date submitted to CPM/CBO	Date approved by CPM/CBO
VIS-2	Any fencing for the project shall be non-reflective.	If the CPM notifies the project owner that revisions of the submittal are needed the project owner shall prepare and submit a revised submittal.	Within 30 days of receiving notification			
VIS-2	Any fencing for the project shall be non-reflective.	Notify the CPM that the fencing is ready for inspection.	Within 7 days after completing installation of the fencing			
VIS-3	Design and install all lighting such that light bulbs and reflectors are not visible from public viewing areas.	Notify the CPM that the lighting is ready for inspection.	Within seven (7) days of completing exterior lighting installation			
VIS-3	Design and install all lighting such that light bulbs and reflectors are not visible from public viewing areas.	Provide the lighting plan to the CPM for review and approval and to the City of San Jose for review and comment.	Ninety (90) days before ordering the exterior lighting.			
VIS-3	Design and install all lighting such that light bulbs and reflectors are not visible from public viewing areas.	If the CPM notifies the project owner that any revisions of the plan are needed, shall submit to the CPM a revised plan.	Within 30 days of receiving notification			
VIS-4	Restore any and all areas that are disturbed during the construction or operation of any portions of the proposed underground utilities.	If the CPM notifies the project owner that revisions of the submittal are needed, shall prepare and submit to the CPM a revised submittal.	Within 30 days of receiving notification			
VIS-4	Restore any and all areas that are disturbed during the construction or operation of any portions of the proposed underground utilities.	Notify the CPM after completing the surface restoration that it is ready for inspection.	Within seven days after completing the surface restoration			
VIS-4	Restore any and all areas that are disturbed during the construction or operation of any portions of the proposed underground utilities.	Submit the plan to the CPM for review and approval and to the City of San Jose or Santa Clara County for review and comment.	At least sixty days prior to beginning implementation of the surface restoration			
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	Submit any required revisions within 30 days of notification by the CPM.	Within 30 days of receiving notification			
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	The temporary and long-term aesthetic screening installations are ready for inspection.	Within seven days after implementing the proposed plan	7/6/2002 (temporary screen)	7/1/2002 (temporary screen)	
VIS-5	Immediately upon completion of construction of the project, the temporary aesthetic screening shall be removed and the construction laydown area shall be revegetated and restored to its original condition.	Submit proposed plans to the City of San Jose for review and comment and CPM for review and approval.	At least ninety (90) days before intended removal of the temporary aesthetic screen			
VIS-5	Immediately upon completion of construction of the project, the temporary aesthetic screening shall be removed and the construction laydown area shall be revegetated and restored to its original condition.	Submit any required revisions within 30 days of notification by the CPM.	Within 30 days of notification			

METCALF ENERGY CENTER - COMPLIANCE MATRIX									
START OF MOBILIZATION/ROUGH GRADING									
START OF CONSTRUCTION									
11/14/2002									
9/1/2002									
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments		
VIS-5	Immediately upon completion of construction of the project, the temporary aesthetic screening shall be removed and the construction laydown area shall be revegetated and restored to its original condition.	Notify the CPM that the temporary aesthetic screening removal is ready for inspection.	Within seven days after implementing the proposed plan						
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	Submit the proposed temporary and long-term aesthetic screening plans to the City of San Jose for review and comment.	Ninety (90) days prior to the start of use of the construction laydown area	7/27/01	7/27/01	N/A (City of San Jose)	Submitted. Comments rec'd from SJ incorporated prior to submittal.		
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	Submit the proposed temporary and long-term aesthetic screening plans to the CPM for review and approval.	Ninety (90) days prior to the start of use of the construction laydown area	7/27/01	7/27/2001, 12/18/01	2/15/02 (Aesthetic screen)	Revised Monterey Rd. plan submitted 12/18/01. Submitted revised Plan to City of San Jose Dept. of Public Works.		
VIS-6	This project owner shall comply with the requirements of Policy 12 of the General Development Plan Standards of the Master Development Plan and Guidelines for the North Coyote Valley Campus Industrial Area.	Submit the proposed temporary and long-term aesthetic screening plans to the City of San Jose for review and comment and the CPM for review and approval.	At least sixty (60) days prior to installing the screening						
VIS-6	The project owner shall comply with the requirements of Policy 12 of the General Development Plan Standards of the Master Development Plan and Guidelines for the North Coyote Valley Campus Industrial Area.	Submit any required revisions	Within 30 days of notification						
VIS-6	The project owner shall comply with the requirements of Policy 12 of the General Development Plan Standards of the Master Development Plan and Guidelines for the North Coyote Valley Campus Industrial Area.	The project owner shall notify the CPM when ready for inspection	Within seven days after completing installation of the screening						
VIS-7	Install aesthetic landscape screening along a portion of Coyote Ranch Road.	Submit the proposed aesthetic landscape screening plan to the City of San Jose and County of Santa Clara Parks and Recreation Department for review and comment.	90 days prior to start of construction	6/3/02	6/12/01		Submitted / In progress. Working with County.		
VIS-7	Install aesthetic landscape screening along a portion of Coyote Ranch Road.	Submit the proposed aesthetic landscape screening plan to the CPM for review and approval.	90 days prior to start of construction	6/3/02	6/12/01		Submitted / In progress. Working with County.		
VIS-7	Install aesthetic landscape screening along a portion of Coyote Ranch Road.	Submit any required revisions	Within thirty (30) days of notification by the CPM.						
VIS-7	Install aesthetic landscape screening along a portion of Coyote Ranch Road.	Notify the CPM in writing that the aesthetic landscape screening installation is ready for inspection.	Within seven (7) days after completing the implementation of the proposed plan						
VIS-8	The gas metering station east of Highway 101 shall be designed in a manner that helps visually screen it from views from Highway 101 and integrate it with its surroundings.	Submit detailed design specifications for the gas metering station to the County of Santa Clara Parks and Recreation Department for review and comment.	At least sixty (60) days before the beginning of construction of the gas metering station						

METCALFE ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		11/4/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
VIS-8	The gas metering station east of Highway 101 shall be designed in a manner that helps visually screen it from views from Highway 101 and integrate it with its surroundings.	Submit detailed design specifications for the gas metering station to the CPM for review and approval.	At least sixty (60) days before the beginning of construction of the gas metering station				
VIS-8	The gas metering station east of Highway 101 shall be designed in a manner that helps visually screen it from views from Highway 101 and integrate it with its surroundings.	Submit any required revisions.	Required revision by CPM per VIS-8				
VIS-8	The gas metering station east of Highway 101 shall be designed in a manner that helps visually screen it from views from Highway 101 and integrate it with its surroundings.	Notify the CPM that the aesthetic treatment and landscape screening installation is ready for inspection.	Within seven (7) days after implementing the proposed plan				
VIS-9	The power plant shall be designed in a manner that reduces its appearance as an industrial facility and helps visually integrate it with its surroundings.	Submit the proposed architectural design treatment plan to the City of San Jose for review and comment.	At least sixty (60) days prior to the start of architectural treatment				
VIS-9	The power plant shall be designed in a manner that reduces its appearance as an industrial facility and helps visually integrate it with its surroundings.	Submit the proposed architectural design treatment plan to the CPM for review and approval.	At least sixty (60) days prior to the start of architectural treatment				
VIS-9	The power plant shall be designed in a manner that reduces its appearance as an industrial facility and helps visually integrate it with its surroundings.	Shall submit any required revisions.	Within thirty (30) days of notification by the CPM				
VIS-9	The power plant shall be designed in a manner that reduces its appearance as an industrial facility and helps visually integrate it with its surroundings.	Notify the CPM in writing that all structures are ready for inspection.	Thirty (30) days prior to the start of commercial operation				
VIS-10	The power plant shall be designed and operated to minimize visible plumes.	Submit the proposed plume abatement plan to the City of San Jose for review and comment.	At least sixty (60) days prior to the start of construction	7/3/02	9/8/01	N/A	Complete
VIS-10	The power plant shall be designed and operated to minimize visible plumes.	Submit the proposed plume abatement plan to the CPM for review and approval.	At least sixty (60) days prior to the start of construction	7/3/02	9/5/01		Submitted. CEC comments received.
VIS-10	The power plant shall be designed and operated to minimize visible plumes.	The project owner shall submit any required revisions.	Within 30 days of notification by the CPM.				
VIS-11	Trail development along the Fisher Creek corridor adjacent to the power plant site.	The project owner shall submit to the City of San Jose and the County of Santa Clara Parks and Recreation Department for review and comment a specific plan.	Start of construction of the trail between Blanchard Road and railroad tracks				
VIS-11	Trail development along the Fisher Creek corridor adjacent to the power plant site.	Submit to the CPM for review and approval a specific plan describing its landscape plan.	Start of construction of the trail between Blanchard Road and railroad tracks				
VIS-11	Trail development along the Fisher Creek corridor adjacent to the power plant site.	Submit any required revisions.	Within 30 days of notification by the CPM.				
VIS-11	Trail development along the Fisher Creek corridor adjacent to the power plant site.	Notify the CPM, City of San Jose and County of Santa Clara Parks and Recreation Department that the planting installation is ready for inspection.	7 days after completion of planting installation				

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING							
START OF CONSTRUCTION							
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
VIS-12	Contact the owners of property along Blanchard Road and develop a plan to screen views of the project from each property if so desired by a property owner.	Provide to the CPM a report on the landscaping/screening plan.	15 days prior to project construction	8/17/02	7/30/02		Submitted
VIS-12	Contact the owners of property along Blanchard Road and develop a plan to screen views of the project from each property if so desired by a property owner.	Notify the CPM when any measures are ready for inspection.	Measures are ready for inspection				
CUL-1	Name and statement of qualifications of its designated cultural resource specialist.	Submit name and qualifications.	90 days prior to site preparation	10/16/01	7/26/01	7/27/01	Complete
CUL-1	Name and statement of qualifications of its designated cultural resource specialist.	Confirm in writing to the CPM that the approved designated cultural resource specialist will be available at the start of construction.	At least 10 days but no more than 30 days prior to the start of earth disturbing activities	12/15/01	7/26/01	9/25/01 1/22/02	Complete
CUL-1	Name and statement of qualifications of its designated cultural resource specialist.	Obtain CPM approval of the replacement specialist.	10 days prior to termination of Cultural Specialist				
CUL-2	Provide the designated cultural resource specialist and the CPM with maps and drawings showing the footprint of the power plant and all linear facilities.	Provide the designated cultural resource specialist and the CPM with the maps and drawings.	75 days prior to the start of earth disturbing activities	10/31/01	9/20/01	11/1/01	Complete
CUL-3	CRS shall prepare, and the owner shall submit to the CPM for review and written approval, a CRMMP.	Submit the Cultural Resources Monitoring and Mitigation Plan.	60 days prior to project site preparation	11/15/01	6/12/01	12/15/01	Complete
CUL-4	WEAT for cultural resources	Submit to the CPM for review and written approval, the proposed WEAT.	60 days prior to the start of construction on the project	11/15/01	9/20/01	12/5/01	Complete
CUL-5	WEAT to all project managers, all construction supervisors, and those workers who operate ground disturbing equipment.	Provide the CPM with documentation that WEAT was administered.	7 days after start of construction	1/21/02	9/29/01 1/29/02	2/10/02	Complete
CUL-5	WEAT to all project managers, all construction supervisors, and those workers who operate ground disturbing equipment.	Provide the CPM with documentation that WEAT was administered.	Monthly Compliance Report				In progress
CUL-6	CRS or monitor shall have the authority to halt or redirect construction if previously unknown cultural resource sites or materials are encountered.	Provide the CPM with a letter confirming CUL-6.	30 days prior to site preparation	12/15/01	7/20/01	8/6/01	Complete
CUL-6	CRS or monitor shall have the authority to halt or redirect construction if previously unknown cultural resource sites or materials are encountered.	For any cultural resource encountered, the project owner shall notify the CPM within 24 hours.	Within 24 hours of cultural resource discovery				
CUL-7	Provide the designated cultural resource specialist with a current schedule of anticipated project activity in the following month and a map.	Provide the CPM with a copy of each weekly schedule of the construction activities.	10 days prior to site preparation	1/4/02	9/28/01	1/14/02	Complete
CUL-7	Provide the designated cultural resource specialist with a current schedule of anticipated project activity in the following month and a map.	Provide the CPM with a copy of each weekly schedule of the construction activities.	Monthly Compliance Report				In progress

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING							
START OF CONSTRUCTION							
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
CUL-8	CRS/monitor keep a daily log of any resource finds and the progress or status of the resource monitoring, mitigation, preparation, identification, and analytical work being conducted for the project.	Copies of the weekly summary reports shall be submitted to the CPM in the Monthly Compliance Report.	Monthly Compliance Report				In progress
CUL-9	Except in the areas specified in CUL-3(f), the designated cultural resource specialist or delegated monitor(s) shall be present at times the specialist deems appropriate.	Copies of the weekly summary reports prepared by the designated cultural resource specialist regarding project-related cultural resource monitoring.	Monthly Compliance Report				In progress
CUL-10	Obtain ground disturbance or cultural resource excavation permits from Caltrans and/or the U.S. Army Corps of Engineers.	Submit a copy of any permit addressing data recovery excavation.	Monthly Compliance Report				
CUL-10	Obtain ground disturbance or cultural resource excavation permits from Caltrans and/or the U.S. Army Corps of Engineers.	Provide written documentation to the permitting agency of compliance with any mitigation measures.	Completion of mitigation activity				
CUL-11	Ensure that the CRS performs the recovery, etc. of all cultural resource materials encountered and collected.	Maintain in its compliance files, copies of signed contracts or agreements with the museum(s), university (ies), or other appropriate research specialists.	Periodic Audit by the CPM				
CUL-12	Report a scope of work for Cultural Resources before following completion of data recovery and site mitigation work.	Submit it to the CPM for review and written approval.	7 days after completion of the proposed scope of work,				
CUL-12	Report a scope of work for Cultural Resources before following completion of data recovery and site mitigation work.	Ensure that the designated cultural resources specialist prepares the proposed scope of work.	Completion of Data Recovery per CUL-12				
CUL-13	Prepare a Cultural Resources Report as described in CUL-13. Submit the report to the CPM for review and written approval.	Ensure that the designated cultural resources specialist completes the Cultural Resources Report.	Within 90 days following completion of the data recovery and site mitigation work				
CUL-13	Prepare a Cultural Resources Report as described in CUL-13.	Submit the Cultural Resources Report to the CPM for review and written approval.	Within seven (7) days after completion of the report				
CUL-14	Submit an original, an original-quality copy, and a computer disc copy, of the CPM-approved Cultural Resources Report to the public repository to receive the recovered data and materials for curatorial, the SH-PO and the appropriate copies to the State Historic Preservation Officer (SHPO), the appropriate regional archaeological information center(s), and a person employed by the City of San Jose who is authorized to receive confidential cultural resources information.	Provide to the CPM documentation that the report has been sent to the public repository receiving the recovered data and materials for curatorial, the SH-PO and the appropriate archaeological information center(s), and the City of San Jose, to a person authorized to receive confidential cultural resources information.	Within thirty (30) days after receiving approval of the Cultural Resources Report				
CUL-15	Ensure that all cultural resource materials, maps, and data collected during data recovery and mitigation for the project are delivered to a public repository.	Ensure that all recovered cultural resource materials are delivered for curatorial. For the life of the project, maintain copies of signed contracts or agreements with the public repository.	Within thirty (30) days after providing the CPM-approved Cultural Resource Report to the entities				
CUL-16	Consult with Ohlone/Costanoan Native American tribal representatives to develop an agreement(s) for qualified monitor(s).	Provide the CPM with a copy of all finalized agreements for Native American (Ohlone/Costanoan) monitor(s).	30 days prior to site preparation	12/15/01	8/8/01	8/15/01	Complete

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING							
START OF CONSTRUCTION							
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
CUL-17	Presence/absence testing shall be conducted in the vicinity of the natural gas pipeline route or PG&E metering station. Comply with Cul-1, Cul-4 and Cul-5. Comply with Cul-2 and Cul-3 for the entire project. CRS shall examine the area of initial project site mobilization.	Reports addressing the results of the presence/absence testing shall be included in the Monthly Compliance Report. Provide the CPM with information authored by the CRS identifying the area of initial site mobilization.	Monthly Compliance Report				
CUL-18		Submit the results of the records search and the results of the survey.	90 days prior to start of construction of wells	11/7/02	10/2/01	12/15/01	Complete
CUL-19	If the potable water wells and associated pipelines are to be located anywhere but in an area defined as part of the proposed project then a cultural resource assessment shall be required.						
SOCIO-1	The project owner and its contractors and subcontractors shall recruit employees and procure materials and supplies within the City of San Jose and Santa Clara County.	Submit copies of contractor, subcontractor, and vendor solicitations and guidelines stating hiring and procurement requirements and procedures.	60 days prior to site preparation	11/15/01	7/23/01	8/8/01	Complete
SOCIO-1	The project owner and its contractors and subcontractors shall recruit employees and procure materials and supplies within the City of San Jose and Santa Clara County.	Notify the CPM the reasons for any planned procurement of materials or hiring outside the local regional area that will occur during the next two months. Pay the statutory school facility development fee as required at the time of filing.	Monthly Compliance Report				In progress
SOCIO-2	Pay the one-time statutory school facility development fee as required at the time of filing.		At Time of Filing				
SOCIO-2	Pay the one-time statutory school facility development fee as required at the time of filing.	Provide proof of payment of the statutory development fee.	Monthly Compliance Report after fees are paid				
BIO-1	Construction site and/or ancillary facilities preparation shall not begin until an approved Designated Biologist is available to be on site.	Submit name, qualifications, address and telephone number of the individual selected.	60 days prior to start of ground disturbance	11/15/01	7/23/01	7/27/01	Complete
BIO-1	Construction site and/or ancillary facilities preparation shall not begin until an approved Designated Biologist is available to be on site.	If the CPM determines the proposed Designated Biologist to be unacceptable, submit another individual's name and qualifications for consideration. Biologist shall maintain written records of the tasks described.	Notification by CPM that proposed Designated Biologist is unacceptable				
BIO-2	The CPM approved Designated Biologist shall perform the following during project construction and operation: see BIO-2 for detailed tasks.		Monthly Compliance Report				In progress
BIO-2	The CPM approved Designated Biologist shall perform the following during project construction and operation: see BIO-2 for detailed tasks.	Submit record summaries in the Annual Compliance Report.	Annual Compliance Report				
BIO-3	Act on the advice of the Designated Biologist to ensure conformance with the Biological Resources Conditions of Certification and shall halt all construction activities, if necessary.	Notify the CPM by telephone of the circumstances and actions being taken to resolve the problem or the non-compliance with a condition.	Within 2 working days of notification of non-compliance				
BIO-4	Submit to the CPM for review and approval a copy of the final BRMIMP and shall implement the measures identified in the plan.	Provide the CPM with the final version of the BRMIMP.	45 days prior to start of ground disturbance	11/30/01	7/23/01	8/30/01	Complete

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
BIO-4	Submit to the CPM for review and approval a copy of the final BRMIMP and shall implement the measures identified in the plan.	Provide to the CPM for review and approval, a written report identifying which items of the BRMIMP have been completed.	30 days after construction complete				
BIO-5	Develop the riparian corridor planting plan for inclusion into the BRMIMP.	Provide to the CPM for review and approval the riparian restoration plan.	45 days prior to ground disturbance	11/30/01	7/23/01	10/17/01	Complete
BIO-6	Develop WEAT for biological resources.	State in the Monthly Compliance Report the number of persons who have completed the training in the prior month.	Monthly Compliance Report				In progress
BIO-6	Develop WEAT for biological resources.	Provide copies of the WEAT and the name and qualifications of the person(s) administering the program.	60 days prior to start of rough grading	11/15/01	9/29/01	12/5/2001 3/13/02 (Video)	Complete
BIO-7	Acquire a SAA from CDFG.	Submit to the CPM a copy of the final CDFG Streambed Alteration Agreement.	30 days prior to the start of any streambed alteration disturbances				Received DRAFT SAA 8/7/02.
BIO-8	Provide a final copy of the U.S. Fish and Wildlife Service Biological Opinion.	Submit to the CPM a copy of the USFWS Biological Opinion.	45 days prior to the start of ground disturbance	11/30/01	7/23/01	7/27/01	Complete
BIO-9	Provide a final copy of the Nationwide No.7 permit.	Submit to the CPM a copy of the Nationwide No.7 permit.	30 days prior to the start of any streambed alteration	8/1/02	8/14/02		Submitted
BIO-10	Provide 116 acres of land on Tulare Hill and 15 acres of land on Coyote Ridge, the name of the entity that will be managing the land in perpetuity, and the endowment funds.	Provide to the CPM for approval, the name of the management entity, written verification that the compensation lands have been purchased and written verification that the appropriate endowment fund has been received.	Within one week of commencing ground disturbance activities	1/21/02	2/26/02		Submitted
BIO-11	Develop a suitable final habitat management and monitoring plan for lands purchased on Tulare Hill and Coyote Ridge.	Provide the CPM with the final approved version of the management plan. Incorporate into BRMIMP.	60 days prior to start of ground disturbance	11/15/01	6/25/01	7/9/01	Complete
BIO-12	Incorporate into closure plan measures that address the local biological resources and incorporate into the BRMIMP.	Address all biological resource-related issues associated with facility closure.	12 months prior to facility closure				
BIO-13	Comply with BIO-1, BIO-2, and BIO-10 and complete BIO-6. Examine the area and ensure no special status species are present.	Provide the CPM with the location, date(s), methods(s), and results of the pre-examination.	10 days prior to mobilization	1/4/02	9/28/01	10/17/01	Complete
SOIL & WATER-1	Disinfected, tertiary-treated, recycled water will be used at the Metcalf Energy Center for cooling purposes and other appropriate non-potable uses.	Provide CPM with a copy of a valid Recycled Water use permit from the City of San Jose.	Construction complete				
SOIL & WATER-1	Potable water may be used for cooling purposes only in the event that SBWR recycled water service is interrupted.	Provide a record of water consumption for the MEC.	Monthly Compliance Report				In progress
SOIL & WATER-1	Potable water may be used for cooling purposes only in the event that SBWR recycled water service is interrupted.	Provide a record of water consumption for the MEC.	Annual Compliance Report				
SOIL & WATER-1	Provide a firm commitment for its construction water supply.	Submit commitment to CPM.	30 days prior to the start of construction	8/2/02	12/5/01	12/28/01	Complete
SOIL & WATER-2	Storm Water Pollution Prevention Plan (SWPPP) for construction.	Submit a copy of the SWPPP to the CPM for review and approval.	30 days prior to start of ground disturbance	12/15/01	8/31/01	10/18/01	Complete for project site

METCALFE ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING							
START OF CONSTRUCTION							
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/ICBO	Date approved by CPM/ICBO	Status/Comments
SOIL & WATER-2	Storm Water Pollution Prevention Plan (SWPPP) for construction.	Approve of the plan by the CPM must be received prior to the initiation of any clearing, grading or excavation activities.	Start of ground disturbance	1/14/02	8/31/01	10/18/01	Complete for project site
SOIL & WATER-3	Final erosion control and revegetation plan that addresses all project elements.	Approval of the final plan by the CPM must be received prior to the initiation of any clearing, grading or excavation activities.	Start of ground disturbance	12/15/01	8/31/01	10/18/01	Complete for project site
SOIL & WATER-4	Obtain SCVWD approval for all activities within floodways or upon or within the banks of watercourses.	Obtain SCVWD approval.	30 days prior to ground disturbance	12/15/01	8/31/01	1/25/02	Complete (4 permits)
SOIL & WATER-5	Develop and implement a Storm Water Pollution Prevention Plan (SWPPP) as required under the General Industrial Activity Storm Water Permit.	Develop and implement a Storm Water Pollution Prevention Plan (SWPPP).	60 days prior to commercial operation				
SOIL & WATER-5	Develop and implement a Storm Water Pollution Prevention Plan (SWPPP) as required under the General Industrial Activity Storm Water Permit.	Submit a copy of the Storm Water Pollution Prevention Plan (SWPPP).	2 weeks prior to commercial operation				
SOIL & WATER-6	Industrial Discharge Permit from the City of San Jose Environmental Services Division.	Provide the CPM a copy of a valid Industrial Discharge Permit.	45 days prior to commercial operation				
SOIL & WATER-7	Obtain a Section 401 Certification from the San Francisco RWQCB.	Submit to the CEC CPM a copy of the Section 401 Certification.	30 days prior to the start of any streambed alteration activities				Submitted permit application for outfall and gas pipeline 6/28/02.
SOIL & WATER-8	Shall only use groundwater for MEC process and domestic requirements and for back-up cooling make up from either the two wells and pipelines.	Submit the following to the Energy Commission CPM: all construction specifications, a copy of the valid well permit(s) and registration numbers, any construction or operation conditions.	30 days prior to construction of wells				
SOIL & WATER-8	Shall only use groundwater for MEC process and domestic requirements and for back-up cooling make up from either the two wells and pipelines.	Notify the CPM that the wells have been installed and submit the results of the pump and aquifer tests conducted.	30 days after completion of wells				
SOIL & WATER-9	Design, construct, and fully fund the portion of the SBWR reclaimed water supply pipeline dedicated to, and essential for, the operation of MEC.	Submit evidence demonstrating that the project owner has negotiated or is negotiating one or more agreements to provide SBWR reclaimed water.	30 days prior to start of construction	8/2/02	8/24/01	10/1/01	Complete
GEO-1	Assign to the project an engineering geologist(s).	Submit to the CPM the name(s) and license number(s) of the certified engineering geologist(s).	30 days prior to start of construction	8/2/02	7/27/2001 1/28/02	N/A	Complete
GEO-1	Assign to the project an engineering geologist(s).	Notify CPM of replacement of Engineering Geologist.	Replacement of Engineering Geologist	1/28/02	1/28/02	2/6/02	Complete
GEO-2	The assigned engineering geologist(s) shall carry out the duties required by the 1998 CBC.	Submit Grading Permit Application.	Application for Grading Permit per GEO-2	1/11/02	1/11/02	4/4/02	Complete
GEO-2	The assigned engineering geologist(s) shall carry out the duties required by the 1998 CBC.	Submit a signed statement to the CPM stating that the Engineering Geology Report has been submitted to the CBO.	15 days after submittal of application	1/26/02	1/14/02	1/24/02	Complete
GEO-2	The assigned engineering geologist(s) shall carry out the duties required by the 1998 CBC.	Submit copies of the Final Engineering Geology Report to the CPM and the CBO.	90 days following completion of Final Grading				
PAL-1	Ensure that the designated paleontological resource specialist is available for field activities.	Submit the name and resume and the availability for its designated paleontological resource specialist.	90 days prior to start of construction	6/8/02	7/26/01	7/27/01	Complete

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING							
START OF CONSTRUCTION							
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
PAL-1	Ensure that the designated paleontological resource specialist is available for field activities.	Obtain CPM approval of the replacement specialist.	10 days prior to termination or release of PRS				
PAL-2	Prepare Paleontologic Resources Monitoring and Mitigation Plan.	Provide the CPM with a copy of the Monitoring and Mitigation Plan.	60 days prior to start of construction	6/12/01	6/12/01	7/27/01	Complete
PAL - 3	WEAT for paleo resources.	Submit to the CPM for review, comment, and written approval, the WEAT.	30 days prior to start of construction	9/20/01	9/20/01	10/3/2001 3/20/02 (video)	Complete
PAL-3	WEAT for paleo resources.	Documentation for training of additional new employees.	Monthly Compliance Report				In progress
PAL-4	The designated paleontological resource specialist shall be present at all times he or she deems appropriate to monitor.	Include a summary of paleontological activities.	Monthly Compliance Report				In progress
PAL-5	Ensure recovery, preparation for analysis, analysis, identification and inventory, the preparation for curation, and the delivery for curation of all significant paleontological resource materials.	Maintain in compliance files copies of signed contracts or agreements with the designated paleontological resource specialist. Maintain these files for a period of three years after approval Paleontological Resources Report.	Periodic Audit by the CPM per PAL-5				
PAL-6	Ensure preparation of a Paleontological Resources Report by the designated paleontological resource specialist.	Submit a copy of the Paleontological Resources Report to the CPM for review and approval.	Within 90 days following completion of the analysis				
PAL-7	Include in the facility closure plan a description regarding facility closure activity's potential to impact paleontological resources.	Include a description of closure activities in the facility closure plan.	Facility Closure Plan				
GEN-1	Design, construct and inspect the project in accordance with the 1998 California Building Code (CBC) and all other applicable LORS in effect at the time Initial design plans are submitted to the CBO for review and approval.	Submit to the CPM a statement of verification attesting that all designs, construction, installation and inspection requirements of the applicable LORS and the Decision have been met.	Within 30 days after receipt of the Certificate of Occupancy.				
GEN-1	Design, construct and inspect the project in accordance with the 1998 California Building Code (CBC) and all other applicable LORS in effect at the time Initial design plans are submitted to the CBO for review and approval.	Provide the CPM a copy of the Certificate of Occupancy.	Within 30 days after receipt of the Certificate of Occupancy.				
GEN-2	Submit to the CPM and CBO a schedule of facility design submittals, a Master Drawing List, and a Master Specifications List.	Submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM.	60 days prior to start of rough grading	11/15/01	10/4/01	10/18/01	Complete
GEN-2	Submit to the CPM and CBO a schedule of facility design submittals, a Master Drawing List, and a Master Specifications List.	Provide schedule updates in Monthly Compliance Report	Monthly Compliance Report				
GEN-3	Make payments to the CBO for design review, plan check and construction inspection.	Make the required payments to the CBO at the time of submittal.	Submit of plans to the CBO.				In progress
GEN-3	Make payments to the CBO for design review, plan check and construction inspection.	Send a copy of the CBO's receipt of payment to the CPM.	Monthly Compliance Report after Fees are Paid	11/15/01	12/14/01	N/A	In progress
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Submit to the CBO for review and approval, the name, qualifications and registration number of the RE.	30 days prior to start of rough grading	12/15/01	8/1/01	8/7/01	Complete

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START OF MOBILIZATION/ROUGH GRADING				1/14/2002			
START OF CONSTRUCTION				9/1/2002			
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Notify the CPM of the CBO's approvals of the RE.	Within 5 days of CBO approval	8/12/01	9/19/01	N/A	Complete
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Submit qualifications of replacement RE.	Within 5 days	12/12/01	12/12/01	1/16/02	Complete
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Notify the CPM of the CBO's approval of the new engineer (RE).	Within 5 days of CBO approval	1/21/02	1/18/02	N/A	Complete
GEN-5	Assign A) a civil engineer; B) a geotechnical engineer; C) a design engineer; D) a mechanical engineer; and E) an electrical engineer.	Submit to the CBO for review and approval, the names, qualifications, and registration numbers of all the responsible engineers.	30 days prior to start of rough grading	12/15/01	8/1/01	8/7/01	Complete
GEN-5	Assign A) a civil engineer; B) a geotechnical engineer; C) a design engineer; D) a mechanical engineer; and E) an electrical engineer.	The project owner shall notify the CPM of the CBO's approvals of the engineers within five days of the approval.	Within 5 days of CBO approval	8/12/01	8/16/01	N/A	Complete
GEN-5	Assign A) a civil engineer; B) a geotechnical engineer; C) a design engineer; D) a mechanical engineer; and E) an electrical engineer.	Submit qualifications of replacement engineer.	Within 5 days		12/17/01 11/26/01	1/16/02 1/18/01	Complete
GEN-5	Assign A) a civil engineer; B) a geotechnical engineer; C) a design engineer; D) a mechanical engineer; and E) an electrical engineer.	Notify the CPM of the CBO's approval of the new engineer.	Within 5 days of CBO approval		1/18/02 & 1/28/02	N/A	Complete
GEN-6	Assign qualified and certified special inspector(s).	Submit to the CBO for review and approval, with a copy to the CPM, the name(s) and qualifications.	15 days prior to any activity requiring Special Inspection		1/11/02	1/18/02	In progress
GEN-6	Assign qualified and certified special inspector(s).	Submit to the CPM a copy of the CBO's approval.	Monthly Compliance Report after Special Inspectors are approved		2/14/02		In progress
GEN-6	Assign qualified and certified special inspector(s).	Replacement of special inspectors	Replacement of Special Inspector				
GEN-6	Assign qualified and certified special inspector(s).	Notify the CPM of the CBO's approval of the newly assigned inspector.	Within 5 days of CBO approval				
GEN-7	Keep the CBO informed regarding the status of engineering and construction.	Submit monthly construction progress reports to the CBO and CPM.	Monthly Construction Progress Report				In progress
GEN-7	Keep the CBO informed regarding the status of engineering and construction.	Document the discrepancy and recommend the corrective action required.	Discrepancy in Design or Construction				
GEN-7	Keep the CBO informed regarding the status of engineering and construction.	Transmit a copy of the CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM.	Within 15 days of CBO Approval or Disapproval of Discrepancy				
GEN-7	Keep the CBO informed regarding the status of engineering and construction.	If disapproved, advise the CPM, the reason for disapproval, and the revised corrective action to obtain CBO's approval.	Within 5 days of CBO Approval or Disapproval of Discrepancy				
GEN-8	Obtain the CBO's final approval of all completed work.	Submit to the CBO, with a copy to the CPM, a written notice that the completed work is ready for final inspection, and a signed statement that the work conforms to the final approved plans.	Within 15 days of the completion of any work				

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START OF MOBILIZATION/ROUGH GRADING							
START OF CONSTRUCTION							
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
CIVIL-1	Prior to the start of site grading submit to the CBO for review and approval the following: 1. Design of the proposed drainage structures and the grading plan; 2. An erosion and sedimentation control plan; 3. Related calculations and specifications; 4. Soils report	Submit the documents described above to the CBO for review and approval.	15 days prior to start of rough grading	12/30/01	8/27/01	4/2/02	Complete (Except for approval of Construction Facilities Plan, Rev.2)
CIVIL-1	Prior to the start of site grading submit to the CBO for review and approval the following: 1. Design of the proposed drainage structures and the grading plan; 2. An erosion and sedimentation control plan; 3. Related calculations and specifications; 4. Soils report	Submit a written statement certifying that the documents have been approved by the CBO.	Monthly Compliance Report after CIVIL-1 Documents are Approved	5/14/02	5/14/02		Submitted with May Monthly Compliance Report.
CIVIL-2	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible geotechnical engineer identifies unforeseen adverse soil or geologic conditions.	Notify CPM within 5 days when work is stopped.	Within 5 days when work is stopped				
CIVIL-2	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible geotechnical engineer identifies unforeseen adverse soil or geologic conditions.	Submit modified plans, specifications and calculations to the CBO based on new conditions.	Work Stopped Due to Unforeseen or Adverse Soil Conditions				
CIVIL-2	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible geotechnical engineer identifies unforeseen adverse soil or geologic conditions.	Copy CPM within 5 days of CBO approval of Modified Plans.	5 days of CBO approval				
CIVIL-3	Perform inspections in accordance with the 1988 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	Perform inspections in accordance with the 1988 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	Start of Rough Grading				
CIVIL-3	Perform inspections in accordance with the 1988 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	The resident engineer shall transmit to the CBO and the CPM a Non-Conformance Report and the proposed corrective action.	Within 5 days of discovery of discrepancy in grading				
CIVIL-3	Perform inspections in accordance with the 1988 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	Submit the details of the corrective action to the CBO and the CPM.	Within 5 days of resolution of grading NCR.				
CIVIL-3	Perform inspections in accordance with the 1988 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	A list of NCRs, for the reporting month, shall also be included in the following Monthly Compliance Report.	Monthly Compliance Report after Resolution of Grading NCR.				

METCALF ENERGY CENTER - COMPLIANCE MATRIX									
START OF MOBILIZATION/ROUGH GRADING					START OF CONSTRUCTION				
1/14/2002					9/1/2002				
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments		
CIVIL-4	After completion of finished grading and erosion and sedimentation control and drainage facilities, the project owner shall obtain the CBO's approval of the final "as-graded" grading plans, and final "as-built" plans for the erosion and sedimentation control facilities.	Submit to the CBO the responsible Civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans.	30 days after completion of the Erosion and Sediment Control Mitigation and Drainage Facilities	7/26/02	7/26/02		Submitted phase 1 grading only to CBO.		
CIVIL-4	After completion of finished grading and erosion and sedimentation control and drainage facilities, the project owner shall obtain the CBO's approval of the final "as-graded" grading plans, and final "as-built" plans for the erosion and sedimentation control facilities.	Submit a copy of this report to the CPM in the next Monthly Compliance Report.	Monthly Compliance Report Following Completion of the Erosion and Sediment Control Mitigation and Drainage Facilities	8/14/02	8/14/02		Complete for phase 1 grading only.		
STRUC-1	Submit to the CBO for review and approval the applicable designs, plans and drawings, and a list of those project structures, components and major equipment items that will undergo dynamic structural analysis.	Submit to the CBO, with a copy to the CPM, the responsible design engineer's signed statement that the final design plans, specifications and calculations conform with all of the requirements.	30 days prior to any increment of STRUC-1 Construction						
STRUC-1	Submit to the CBO for review and approval the applicable designs, plans and drawings, and a list of those project structures, components and major equipment items that will undergo dynamic structural analysis.	Obtain approval from the CBO of lateral force procedures proposed for project structures. Obtain approval from the CBO for the final design plans, specifications, calculations, soils reports, and applicable quality control procedures. Submit to the CBO the required number of copies of the structural plans, specifications, calculations. The final designs, plans, calculations and specifications shall be signed and stamped by the responsible design engineer.	90 days prior to the start of on-site fabrication and installation of each structure				In progress		
STRUC-1	Submit to the CBO for review and approval the applicable designs, plans and drawings, and a list of those project structures, components and major equipment items that will undergo dynamic structural analysis.	If the CBO discovers non-conformance with the stated requirements, resubmit the corrected plans to the CBO with a copy to the CPM.	Within 20 days of receipt of the nonconforming submittal						
STRUC-1	Submit to the CBO for review and approval the applicable designs, plans and drawings, and a list of those project structures, components and major equipment items that will undergo dynamic structural analysis.	Submit to the CPM a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and are in conformance with the requirements.	Approval by the CBO of Resubmitted STRUC-1 Submittal						
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	Submit test reports and inspection reports to the CBO	Test Reports or Inspection Reports are Complete						
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	If a discrepancy is discovered in any of the above data prepare and submit an NCR to the CBO, with a copy of the transmittal letter to the CPM.	Within 5 days of discovery of discrepancy						
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	Submit a copy of the corrective action to the CBO and the CPM.	Within five days of resolution of the NCR						

METCALF ENERGY CENTER - COMPLIANCE MATRIX									
START OF MOBILIZATION/ROUGH GRADING					1/14/2002				
START OF CONSTRUCTION					9/1/2002				
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments		
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	Transmit a copy of the CBO's approval or disapproval of the corrective action to the CPM.	Within 15 days of CBO approval						
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	If disapproved, advise the CPM, the reason for disapproval, and the revised corrective action to obtain CBO's approval.	Within 5 days of CBO disapproval						
STRUC-3	Submit to the CBO design changes to the final plans required by the 1998 CBC, Chapter 1, Section 106.3.2, Submittal documents, and Section 106.3.3.	Notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies with a copy of the transmittal letter to the CPM.	Design Changes to STRUC-1 Designs Previously Approved by the CBO						
STRUC-3	Submit to the CBO design changes to the final plans required by the 1998 CBC, Chapter 1, Section 106.3.2, Submittal documents, and Section 106.3.3.	Notify the CPM, via the Monthly Compliance Report, when the CBO has approved the revised plans.	Monthly Compliance Report						
STRUC-4	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts must be designed to comply with Occupancy Category 2 of the 1998 CBC.	Submit to the CBO for review and approval, final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.	30 days prior to the start of installation of the tanks or vessels						
STRUC-4	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts must be designed to comply with Occupancy Category 2 of the 1998 CBC.	Send copies of the CBO approvals of plan checks to the CPM in the following Monthly Compliance Report.	Monthly Compliance Report						
STRUC-4	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts must be designed to comply with Occupancy Category 2 of the 1998 CBC.	Transmit a copy of the CBO's inspection approvals to the CPM.	Monthly Compliance Report						
MECH-1	Prior to the start of any increment of piping construction, submit, for CBO review and approval, the proposed final design drawings, specifications and calculations for each plant piping system.	Submit to the CBO for approval, with a copy to the CPM, the proposed final design plans, specifications, calculations, and quality control procedures for that increment of construction of piping systems.	30 days prior to the start of any increment of piping construction						
MECH-1	Prior to the start of any increment of piping construction, submit, for CBO review and approval, the proposed final design drawings, specifications and calculations for each plant piping system.	Transmit a copy of the CBO's inspection approvals to the CPM in the Monthly Compliance Report following completion of any inspection.	Monthly Compliance Report after CBO Inspection Approval of MECH-1 Piping Systems						
MECH-2	For all pressure vessels installed in the plant, submit to the CBO and Cal-OSHA, prior to operation, the code certification papers and other documents required by the applicable LORS.	Submit to the CBO for review and approval, final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification, with a copy to the CPM.	30 days prior to the start of on-site fabrication or installation of any pressure vessel						

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION THROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
MECH-2	For all pressure vessels installed in the plant, submit to the CBO and Cal-OSHA, prior to operation, the code certification papers and other documents required by the applicable LORS.	The project owner shall send copies of the CBO plan check approvals to the CPM in the following Monthly Compliance Report.	Monthly Compliance Report after CBO Approval of Plan Checks for Pressure Vessels				
MECH-2	For all pressure vessels installed in the plant, submit to the CBO and Cal-OSHA, prior to operation, the code certification papers and other documents required by the applicable LORS.	Transmit a copy of the CBO's and/or Cal-OSHA inspection approvals to the CPM in the Monthly Compliance Report following completion of any inspection.	Monthly Compliance Report after CBO Inspection Approval of Pressure Vessels Defined in MECH-2				
MECH-3	Prior to the start of construction of any heating, ventilating, air conditioning (HVAC) or refrigeration system, submit to the CBO for review and approval the design plans, specifications, calculations and quality control procedures for that system.	Submit to the CBO the required HVAC and refrigeration calculations, plans and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer, with a copy to the CPM.	30 days prior to the start of construction of any HVAC or refrigeration system				
MECH-3	Prior to the start of construction of any heating, ventilating, air conditioning (HVAC) or refrigeration system, submit to the CBO for review and approval the design plans, specifications, calculations and quality control procedures for that system.	Send copies of CBO comments and approvals to the CPM in the next Monthly Compliance Report.	Monthly Compliance Report after CBO Approval of Plan Checks for HVAC Systems				
MECH-3	Prior to the start of construction of any heating, ventilating, air conditioning (HVAC) or refrigeration system, submit to the CBO for review and approval the design plans, specifications, calculations and quality control procedures for that system.	Transmit a copy of the CBO's inspection approvals to the CPM in the Monthly Compliance Report following completion of any inspection.	Monthly Compliance Report after CBO Inspection Approval of HVAC Systems Defined in MECH-3				
MECH-4	Prior to the start of each increment of plumbing construction, submit for CBO's approval the final design plans, specifications, calculations, and QA/QC procedures for all plumbing systems, potable water systems, drainage systems, toilet rooms, building energy conservation systems, and temperature control and ventilation systems, including water and sewer connection permits issued by the local agency.	Submit to the CBO the final design plans, specifications and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the applicable edition of the CBC	30 days prior to the start of construction of any of the above systems				
MECH-4	Prior to the start of each increment of plumbing construction, submit for CBO's approval the final design plans, specifications, calculations, and QA/QC procedures for all plumbing systems, potable water systems, drainage systems, toilet rooms, building energy conservation systems, and temperature control and ventilation systems, including water and sewer connection permits issued by the local agency.	Send the CPM a copy of the transmittal letter with the signed and stamped statement from the responsible mechanical engineer certifying compliance with the applicable edition of the CBC in the next Monthly Compliance Report.	Monthly Compliance Report after Mechanical Engineer Certification of HVAC System per MECH-4				

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
MECH-4	Prior to the start of each increment of plumbing construction, submit for CBO's approval the final design plans, specifications, calculations, and QA/QC procedures for all plumbing systems, potable water systems, drainage systems, toilet rooms, building energy conservation systems, and temperature control and ventilation systems, including water and sewer connection permits issued by the local agency.	Transmit a copy of the CBO's inspection approvals to the CPM in the next Monthly Compliance Report following completion of that increment of construction.	Monthly Compliance Report after CBO inspection of HVAC System per MECH-4				
ELEC-1	For the 480V and higher systems, shall not begin any increment of electrical construction until plans for that increment have been approved by the CBO.	Submit to the CBO for review and approval the final design plans, specifications and calculations for electrical equipment, including a copy of the signed and stamped statement from the responsible electrical engineer.	30 days prior to the start of each increment of electrical construction				
ELEC-1	For the 480V and higher systems, shall not begin any increment of electrical construction until plans for that increment have been approved by the CBO.	Send a copy of the transmittal letter of the signed and stamped statement from the electrical engineer attesting compliance with the applicable LORS to the CPM.	Monthly Compliance Report after submitting Electrical Documents for CBO Approval per ELEC-1				
ELEC-1	For the 480V and higher systems, shall not begin any increment of electrical construction until plans for that increment have been approved by the CBO.	The following activities shall be reported in the Monthly Compliance Report: 1. Receipt or delay of major electrical equipment; 2. Testing or energization of major electrical equipment.	Monthly Compliance Report after Receipt or Testing of Equipment or CBO Approval of Electrical Drawings per ELEC-1				
ELEC-2	The project owner shall submit to the CBO the required number of copies of items A and B for review and approval and one copy of item C [CBC 1998, Section 106.3.2, Submittal documents.]	Submit to the CBO for review and approval the final design plans, specifications and calculations, for electrical equipment, including a copy of the signed and stamped statement from the responsible electrical engineer certifying compliance with the applicable LORS.	30 days prior to the start of each increment of electrical equipment installation				
ELEC-2	The project owner shall submit to the CBO the required number of copies of items A and B for review and approval and one copy of item C [CBC 1998, Section 106.3.2, Submittal documents.]	Send a copy of the transmittal letter of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS to the CPM in the next Monthly Compliance Report.	Monthly Compliance Report after submitting Electrical Documents for CBO Approval per ELEC-2				
TSE-1	Ensure the design, construction and operation of transmission facilities conform to requirements TSE1a - h listed in Conditions of Certification.	Submit for approval to the CPM: Design drawings, specifications and calculations for the poles/towers, foundations, anchor bolts, conductors, grounding systems and major switchyard equipment.	60 days prior to construction of transmission facilities				
TSE-1	Ensure the design, construction and operation of transmission facilities conform to requirements TSE1a - h listed in Conditions of Certification.	Submit for approval to the CPM: b) For each element of the transmission facilities as identified above, the submittal package to the CPM shall contain the design criteria, etc.	60 days prior to construction of transmission facilities				

METCALFE ENERGY CENTER - COMPLIANCE MATRIX									
START OF MOBILIZATION THROUGH GRADING					START OF CONSTRUCTION				
1/14/2002					9/1/2002				
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments		
TSE-1	Ensure the design, construction and operation of transmission facilities conform to requirements TSE1a - h listed in Conditions of Certification.	Submit for approval to the CPM: c) Electrical one-line diagrams signed and sealed by the registered professional electrical engineer in responsible charge, a route map, and an engineering description of equipment.	60 days prior to construction of transmission facilities						
TSE-2	Inform the CPM of any impending changes which may not conform to the requirements of 1a - h listed in TSE-1 and request CPM approval to implement changes.	Inform the CPM of any impending changes which may not conform.	60 days prior to construction of transmission facilities						
TSE-3	Be responsible for the inspection of the transmission facilities during and after project construction and any subsequent CPM approved changes.	Transmit to the CPM "as built" engineering description(s) and one-line drawings of the as-built facilities signed and sealed by a registered electrical engineer in responsible charge.	Within 60 days after synchronization of the project						
TSE-3	Be responsible for the inspection of the transmission facilities during and after project construction and any subsequent CPM approved changes.	Transmit to the CPM an "as built" engineering description of the mechanical, structural, and civil portion of the transmission facilities signed and sealed by the registered engineer.	Within 60 days after synchronization of the project						
TSE-3	Be responsible for the inspection of the transmission facilities during and after project construction and any subsequent CPM approved changes.	Transmit to the CPM a summary of inspections of the completed transmission facilities, and identification of any nonconforming work and corrective actions taken, signed and sealed by the registered engineer.	Within 60 days after synchronization of the project						
Governor's Executive Order No. D-25-01	Milestones, and method of verification must be established and agreed upon by the project owner and the CPM no later than 30 days after project approval, the date of docketing. If this deadline is not met, the CPM will establish the milestones.	ESTABLISH PRE-CONSTRUCTION MILESTONES TO ENABLE START OF CONSTRUCTION WITHIN ONE YEAR OF CERTIFICATION	Project Certification	10/24/01	10/24/01	11/19/01	Complete		
Governor's Executive Order No. D-25-01	Milestones, and method of verification must be established and agreed upon by the project owner and the CPM no later than 30 days after project approval, the date of docketing. If this deadline is not met, the CPM will establish the milestones.	ESTABLISH CONSTRUCTION MILESTONES FROM DATE OF START OF CONSTRUCTION	Project Certification	10/24/01	10/24/01	11/19/01	Complete		
US Dep Commerce	The project applicant shall notify the NMFS Santa Rosa office when project construction begins and ends. (horizontal drilling)	Notify NMFS	Start of streambed alteration activities						
Pre-constr matrix	Prior to commencing construction a compliance matrix addressing only those conditions that must be fulfilled before the start of construction shall be submitted to the CPM.	Construction shall not commence until the pre-construction matrix is submitted, all pre-construction conditions have been compiled with, and the CPM has issued a letter to the project owner authorizing construction.	Start of Construction	9/1/02	8/7/02	8/30/02	Complete		
Compliance matrix	A compliance matrix shall be submitted by along with each monthly and annual compliance report.	Submit compliance matrix to CPM	Monthly Compliance Report	11/15/01	11/15/01		In progress		

**PUBLIC CONTACT LOG  
COMPLAINTS, NOTICES OF VIOLATION, OFFICIAL WARNINGS  
AND CITATIONS**

**METCALF ENERGY CENTER  
MONTHLY COMPLIANCE REPORT #11**

### MEC PUBLIC CONTACT LOG - August 2002

DATE/TIME	NAME & CONTACT	FORM OF CONTACT	PURPOSE OF CALL/CONTACT	ACTION/RESOLUTION	DATE/TIME OF RESPONSE	MEC REP
8/6/02, 10:10AM	Mike Brevek, Bay Dialed Service, 925-575-4351	Public Info. Line	potential contractor	Gave him Mortenson contact info	8/20/02, 2:30PM	Lisa Poelle
8/9/02, 11:04AM	Mike Foster	Public Info. Line	potential contractor	Gave him Mortenson contact info	8/20/02, 1:30PM	Lisa Poelle
8/29/02, 8:51AM	Joe Sesnak	Public Info. Line	calling to get in touch with Dillingham at the site	Gave him phone number at the site	8/29/02	Lisa Poelle

**CBO SUBMITTALS, COMMENTS AND APPROVALS**

METCALF ENERGY CENTER  
MONTHLY COMPLIANCE REPORT #11

STATUS OF CBO SUBMITTALS FOR AUGUST 2002

COC Number	Rev	Document Title	Approved/Comments	Open/Closed	Date/Comment Ltr	Actual to CBO	CBO Response	CBO Approval
CIVIL-1	0	TECHNICAL SPECIFICATION FOR EARTHWORK, GRADING AND STRUCTURAL BACKFILL	Approved	CLOSED	11/15/01	10/22/01		1/28/02
CIVIL-1	0	SITE PLAN	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	SITE PLAN	Approved	CLOSED	N/A	10/15/01	10/31/01	10/26/01
CIVIL-1	0	CONSTRUCTION FACILITIES	Comments	OPEN	9/18/01	8/27/01		
CIVIL-1	2	CONSTRUCTION FACILITIES		OPEN		2/27/02		
CIVIL-1	2	CONSTRUCTION FACILITIES	Resubmittal	OPEN		4/25/202		
CIVIL-1	2	CONSTRUCTION FACILITIES	Comments	OPEN	6/12/02			
CIVIL-1	0	PLOT PLAN	Approved	CLOSED	10/26/01	9/18/01		4/2/02
CIVIL-1	0	STORM WATER PIPING PLAN	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	STORM WATER PIPING PLAN	Approved	CLOSED	10/26/01	10/10/01		4/2/02
CIVIL-1	0	CLEARING, STRIPPING, AND STOCKPILE PLAN	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	CLEARING, STRIPPING, AND STOCKPILE PLAN	Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	0	EROSION CONTROL DETAILS	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	EROSION CONTROL DETAILS	Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	0	DRAINAGE DETAILS	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	DRAINAGE DETAILS	Approved	CLOSED	10/26/01	10/10/01		4/2/02
CIVIL-1	0	ROUGH GRADING DETAILS	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	ROUGH GRADING DETAILS	Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	0	DRAINAGE HEADWALL DETAILS	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	DRAINAGE HEADWALL DETAILS	Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	0	ROUGH GRADING SECTIONS	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	ROUGH GRADING SECTIONS	Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	0	RETAINING WALL PLAN, PROFILE AND DETAILS	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	RETAINING WALL PLAN, PROFILE AND DETAILS	Comments	CLOSED	10/26/01	10/10/01		
CIVIL-1		RETAINING WALL PLAN, PROFILE AND DETAILS	Comments	CLOSED	3/19/02	3/15/02		
CIVIL-1	FCR-0002	RETAINING WALL PLAN, PROFILE AND DETAILS	Approved	CLOSED	4/8/02			4/8/02

STATUS OF CBO SUBMITTALS FOR AUGUST 2002

COC Number	Rev	Document Title	Approved/Comments	Open/Closed	Date Comment Lift	Actual to CBO	CBO Response	CBO Approval
CIVIL-1	0	ROUGH GRADING PLAN PHASE 1	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	ROUGH GRADING PLAN PHASE 1	Approved	CLOSED	N/A	10/15/01	10/31/01	10/26/01
CIVIL-1	2	ROUGH GRADING PLAN PHASE 1	Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	3	ROUGH GRADING PLAN PHASE 1		CLOSED		10/25/01		
CIVIL-1	0	ROUGH GRADING PLAN PHASE 2	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	ROUGH GRADING PLAN PHASE 2	Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	0	MAIN ACCESS ROAD PLAN AND PROFILE	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	MAIN ACCESS ROAD PLAN AND PROFILE	Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	0	RAILROAD PLAN AND PROFILE	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	RAILROAD PLAN AND PROFILE	Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	0	DESIGN OF REINFORCED CONCRETE RETAINING WALL	Comments	CLOSED	10/26/01	10/10/01		
CIVIL-1	1	EROSION AND SEDIMENT CONTROL AND STORM WATER MANAGEMENT PLAN	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	2	EROSION AND SEDIMENT CONTROL AND STORM WATER MANAGEMENT PLAN	Approved	CLOSED	N/A	10/19/01	10/31/01	10/26/01
CIVIL-1	0	SOUTH LAYDOWN SEDIMENT & EROSION CONTROL PLANS	Comments	OPEN	6/17/02			
CIVIL-1	0	ENGINEERING GEOLOGY REPORT	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1		ENGINEERING GEOLOGY REPORT		CLOSED				
CIVIL-1		ENGINEERING GEOLOGY REPORT	Approved	CLOSED				4/2/02
CIVIL-1	0	PRELIMINARY STORM WATER MANAGEMENT BASIN SIZING CALCULATION	Approved	CLOSED	9/18/01	8/27/01		4/2/02
CIVIL-1	0	STORM DRAIN SYSTEM DESIGN	Comments	CLOSED	9/18/01	8/27/01		
CIVIL-1	1	STORM DRAIN SYSTEM DESIGN	Approved	CLOSED	10/26/01	10/10/01		4/2/02
CIVIL-1	0	SUBSURFACE INVESTIGATION AND FOUNDATION REPORT	Comments	CLOSED	9/18/01	8/27/01		

STATUS OF CBO SUBMITTALS FOR AUGUST 2002

COC Number	Rev	Document Title	Approved/Comments	Open/Closed	Date Comment Lt.	Actual to CBO	CBO Response	CBO Approval
CIVIL-1	1	SUBSURFACE INVESTIGATION AND FOUNDATION REPORT	Comments	CLOSED	N/A	11/30/01		
CIVIL-1	1	SUBSURFACE INVESTIGATION AND FOUNDATION REPORT (SEALED)	Approved	CLOSED	N/A	1/4/02	1/8/02	4/2/02
CIVIL-1		MR. KIT YIN NG, RPE CIVIL DRAINING/ERSION CONTROL	Approved	CLOSED		8/3/01	8/7/01	8/7/01
CIVIL-1		MR. BILL PETROSKI, HYDRAULIC ENGINEER (RESUBMITTAL)		CLOSED		12/26/01		
GEO-2		ENGINEERING GEOLOGY REPORT	Approved	CLOSED				4/2/02
STRUC-1	0	FURNISHING AND DELIVERING READY-MIX CONCRETE		OPEN		10/19/01		
STRUC-1	0	CONCRETE AND EARTHWORK TESTING SERVICES		OPEN		10/19/01		
STRUC-1	C	SPECIFICATIONS FOR PILING, CONCRETE FILLED PIPE PILES	Comments	OPEN	3/1/02			
STRUC-1		CONCRETE FORMWORK, CURING AND GROUT (Specifications 03100)	Comments	OPEN	3/15/02	1/31/02		
STRUC-1		CONCRETE FORMWORK, CURING AND GROUT (Specifications 03100)	Approved	CLOSED				3/26/02
STRUC-1	A	CONCRETE CURING (Spec. 03390)	Comments	OPEN	3/15/02	1/31/02		
STRUC-1	A	CONCRETE CURING (Spec. 03390)	Approved	CLOSED				3/26/02
STRUC-1	0	GROUT (Spec. 03600)	Comments	OPEN	3/15/02	1/31/02		
STRUC-1	0	GROUT (Spec. 03600)		OPEN		3/20/02		
STRUC-1		GROUT (Spec. 03600)	Approved	CLOSED				3/26/02
STRUC-1		CIVIL/STRUCTURAL DESIGN CRITERIA	Comments	OPEN	4/18/02			
STRUC-1		CIVIL/STRUCTURAL DESIGN CRITERIA	Approved	CLOSED				5/15/02
STRUC-1	0	DESIGN OF CONCRETE FILLED PIPE PILES		OPEN		4/2/02		
STRUC-1	0	COMBUSTION TURBINE FOUNDATION DESIGN-UNIT#1		OPEN		4/2/02		

STATUS OF CBO SUBMITTALS FOR AUGUST 2002

COC Number	Rev	Document Title	Approved/ Comments	Open/ Closed	Date Comment Ltr.	Actual CBO	CBO Response	CBO Approval
STRUC-1	0	STEAM TURBINE PEDASTAL FOUNDATION DESIGN		OPEN		4/2/02		
STRUC-1	0	MAT FOUNDATION FOR HRSG AND STACK -UNIT#1		OPEN		4/2/02		
STRUC-1	0	COMPOSITE PILE PLAN		OPEN		4/2/02		
STRUC-1	0	PILE SECTIONS AND DETAILS		OPEN		4/2/02		
STRUC-1	0	UNIT#1-COMBUSTION TURBINE GENERATOR PILE LOCATION PLAN		OPEN		4/2/02		
STRUC-1	0	STEAM TURBINE GENERATOR PEDASTAL PILE LOCATION PLAN		OPEN		4/2/02		
STRUC-1	0	HRSG PILE LOCATION PLAN-UNIT#1		OPEN		4/2/02		
STRUC-1	0	PILING DRAWINGS & CALCS. FOR CTG, STG & HRSG FOUNDATIONS		OPEN		4/4/02		
STRUC-1		DRAWINGS & CALCULATIONS FOR CTG FOUNDATIONS		CLOSED				5/31/02
STRUC-1	0	PILE DRAWINGS & CALCS. FOR HRSG FOUNDATIONS		OPEN		4/12/02		
STRUC-1		PILE DRAWINGS & CALCS. FOR HRSG FOUNDATIONS		CLOSED				5/16/02
STRUC-1		SEISMIC CALCULATIONS, 200 GALLON RESERVOIR HYDRAULIC POWER UNIT	Approved	CLOSED				5/10/02
STRUC-1		REPORT ON SEISMIC DESIGN MOTIONS	Approved	CLOSED	N/A			3/21/02
STRUC-1		DESIGN WIND SPEED	Approved	CLOSED				3/19/02
STRUC-1		DESIGN REPORT FOR W501F EXHAUST SYSTEM DIFFUSER	Approved	CLOSED				4/24/02
STRUC-1		GENERAL NOTES AND TYPICAL DRAWINGS	Approved	CLOSED				4/30/02
STRUC-1	0	CTG UNITS 1&2 FOUNDATION PLAN (CALCS.)		OPEN		4/16/02		

STATUS OF CBO SUBMITTALS FOR AUGUST 2002

COC Number	Rev	Document Title	Approved Comments	Open/Closed	Date Comment Ltr	Actual to CBO	CBO Response	CBO Approval
STRUC-1	0	CTG UNITS 1&2 FOUNDATION PLAN (DRAWING S205)		OPEN		4/16/02		
STRUC-1	0	CTG UNITS 1&2 FOUNDATION - SECTIONS (DRAWING S206)		OPEN		4/16/02		
STRUC-1	0	CTG UNITS 1&2 FOUNDATION - SECTION & DETAILS (DRAWING S208)		OPEN		4/16/02		
STRUC-1	0	CTG UNITS 1&2 FOUNDATION - EMBEDDED ITEMS (DRAWING S210)		OPEN		4/16/02		
STRUC-1		GAS TURBINE DOCUMENT TRANSMITTAL	Comments	OPEN		5/17/02	5/31/02	
STRUC-1	0	STEAM TURBINE GENERATOR FOUNDATION DESIGN	Comments	OPEN		5/30/02		
STRUC-1	1	STEAM TURBINE GENERATOR FOUNDATION DESIGN		OPEN	7/23/02	6/19/02		
STRUC-1	1	STEAM TURBINE GENERATOR FOUNDATION DESIGN		OPEN		8/15/02		
STRUC-1	0	STEAM TURBINE PLATFORM PILE PLAN	Comments	OPEN		5/30/02		
STRUC-1	1	STEAM TURBINE PLATFORM PILE PLAN	Approved	CLOSED		6/19/02		6/24/02
STRUC-1	0	STEAM TURBINE PLATFORM FOUNDATION PLAN (DRAWING S125)		OPEN		6/19/02		
STRUC-1	0	STEAM TURBINE PLATFORM FOUNDATION PILE CAP DETAILS (DRAWING S135)		OPEN		6/19/02		
STRUC-1	0	STEAM TURBINE PLATFORM FOUNDATION SECTIONS & DETAILS (DRWNG S190)		OPEN	7/23/02	6/19/02		
STRUC-1	1	STEAM TURBINE PLATFORM FOUNDATION SECTIONS & DETAILS (DRWNG S190)		OPEN		8/15/02		

STATUS OF CBO SUBMITTALS FOR AUGUST 2002

COC Number	Rev	Document Title	Approved/ Comments	Open/ Closed	Date Comment Ltr	Actual to CBO	CBO Response	CBO Approval
STRUC-1	0	STEAM TURBINE PLATFORM FOUNDATION SECTIONS & DETAILS (DRWNG S191)		OPEN		6/19/02		
STRUC-1	0	STEAM TURBINE PLATFORM ANCHOR BOLT SCHEDULE (DRAWING S192)		OPEN	7/23/02	6/19/02		
STRUC-1	0	STEAM TURBINE PLATFORM ENLARGED FOUNDATION PLAN		OPEN		6/19/02		
STRUC-1		TESTING LABORATORY SERVICES (Spec. 01410)	Approved	CLOSED				6/14/02
STRUC-1		STRUCTURAL STEEL	Approved	CLOSED				6/14/02
STRUC-1		PRE-ENGINEERED BUILDINGS	Approved	CLOSED				6/14/02
STRUC-1	0	AGGREGATE BASE COURSE (Spec. 02721)		OPEN		6/24/02		
STRUC-1	0	ASPHALT PAVING (Spec. 02740)		OPEN		6/24/02		
STRUC-1	0	CONCRETE REINFORCEMENT (Spec. 03200)		OPEN		6/24/02		
STRUC-1		HILLIER/GIEGER DOCUMENTS FOR VISUAL SCREEN FOUNDATION LOADS		OPEN	7/23/02	6/20/02		
STRUC-1	1	CONCRETE-FILLED PIPE PILES		OPEN		6/20/02		
STRUC-1	2	PILE LOAD TEST PLAN		OPEN		6/20/02		
STRUC-1	2	TEST PILE SECTIONS AND DETAILS		OPEN		6/20/02		
STRUC-1	0	ROAD GEOMETRY PLAN		OPEN		6/13/02		
STRUC-1	2	ROAD GEOMETRY PLAN		OPEN		8/21/02		
STRUC-1	0	TYPICAL ROAD CROSS SECTION		OPEN		6/13/02		
STRUC-1	2	TYPICAL ROAD CROSS SECTION		OPEN		8/21/02		
STRUC-1	0	PG&E ATV ACCESS PARTIAL PLAN AND PROFILE		OPEN	7/1/02	6/13/02		
STRUC-1	2	PG&E ATV ACCESS PARTIAL PLAN AND PROFILE		OPEN		8/21/02		
STRUC-1	1	PILE DRIVING HAMMER DATA		OPEN		6/26/02		

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STRUC-1	0	PILE DRIVING CRANE DATA SHEET		OPEN		6/26/02		
STRUC-1	0	PILE DRIVING ANALYZER DATA SHEET		OPEN		6/26/02		
STRUC-1	1	GROUND VIBRATION EQUIPMENT DATA SHEET		OPEN		6/26/02		
STRUC-1	0	NOISE MONITORING PLAN		OPEN		6/26/02		
STRUC-1	1	PILE LATERAL LOAD PROCEDURE		OPEN		6/26/02		
STRUC-1	1	PILE COMPRESSION LOAD TEST PROCEDURE		OPEN		6/26/02		
STRUC-1	1	PILE TENSION LOAD TEST PROCEDURE		OPEN		6/26/02		
STRUC-1	0	ADMIN-CONTROL/MAINT/ WAREHOUSE BUILDING- CONCEPTUAL FLOOR PLAN & ELEVATION		OPEN		11/6/01		
STRUC-1	0	ADMIN-CONTROL/MAINT/ WAREHOUSE BUILDING CONCEPTUAL ELEVATIONS & SECTION		OPEN		11/6/01		
STRUC-1	0	ADMIN-CONTROL RESTROOM FLOOR PLAN, REFLECTED CEILING PLAN & ELEVATIONS		OPEN		11/6/01		
STRUC-1	0	SIEMENS WESTINGHOUSE PLANS AND CALCULATIONS	Comments	OPEN	7/10/02			
STRUC-1		STRUCTURAL CALCS. AND FOGGER SKID ANCHORAGE		OPEN		7/9/02		
STRUC-1		FOUNDATION LOADS AND ANCHORING/STEAM TURBINE SEISMIC LOADS		OPEN		7/9/02		
STRUC-1		STRUCTURAL CALCS. AND DRAWINGS/KETTLE REBOILER/FOUND ANCHORAGES AND SADDLE DES.		OPEN		7/9/02		

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STRUC-1	0	COOLING TOWER FOUNDATION	Comments	OPEN	7/23/02			
STRUC-1	0	EARTHWORK		OPEN		7/26/02		
STRUC-1	0	PRECAST CONCRETE ELECTRICAL MANHOLES		OPEN		7/26/02		
STRUC-1		HILLIER/GEIGER CALCS. AND DESIGN NOTES FOR VISUAL SCREEN STRUCTURE FOUNDATION DESIGN		OPEN		8/2/02		
STRUC-1		HILLIER/GEIGER DRAWING SS-1, FOUNDATION DETAILS		OPEN		8/2/02		
STRUC-1		HILLIER/GEIGER DRAWING SS-2, FOUNDATION DETAILS		OPEN		8/2/02		
STRUC-1		HILLIER/GEIGER DRAWING SS-3, FOUNDATION DETAILS		OPEN		8/2/02		
STRUC-1		HILLIER/GEIGER DRAWING SS-4, FOUNDATION DETAILS		OPEN		8/2/02		
STRUC-1		HILLIER/GEIGER DRAWING SS-5, FOUNDATION DETAILS		OPEN		8/2/02		
STRUC-1		HILLIER/GEIGER DRAWING SS-6, FOUNDATION DETAILS		OPEN		8/2/02		
STRUC-1		HILLIER/GEIGER DRAWING SS-7, FOUNDATION DETAILS		OPEN		8/2/02		
STRUC-1		HILLIER/GEIGER DRAWING SS-8, FOUNDATION DETAILS		OPEN		8/2/02		
STRUC-1		HILLIER/GEIGER DRAWING SS-9, FOUNDATION PLAN		OPEN		8/2/02		
STRUC-1		STEAM TURBINE / COUPLING ENCLS. STRUCTURE 1-7		OPEN		8/27/02		
STRUC-1		STEAM TURBINE / STRUCTURAL CALCS.		OPEN		8/27/02		
STRUC-1	0	STG EXCITATION HOUSING ACCESS STAIRS & PLATFORM		OPEN		8/29/02		

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STRUC-1	0	EXCITER ACCESS PLATFORMS PLAN, SECTION AND DETAILS, DRAWING S720		OPEN		8/29/02		
STRUC-1	0	STG PLATFORM, CALC. 02484-001- 06-029		OPEN		8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM FRAMING PLAN AT ELEVATION 295'- 0 1/2", DRAWING S701		OPEN		8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM FRAMING PLAN AT ELEVATION 275'- 6", DRAWING S705		OPEN		8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM FRAMING PLAN AT ELEVATION 279'- 8 1/2", DRAWING S706		OPEN		8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM ELEVATIONS ALONG COLUMN LINES 1, 1.5 & 2, DRAWING S750		OPEN		8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM ELEVATIONS ALONG COLUMN LINES 3 & 4, DRAWING S751		OPEN		8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM ELEVATIONS ALONG COLUMN LINES 4.6 & 5, DRAWING S752		OPEN		8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM GIRT ELEVATIONS AT COL. LINES 1, 1.5, D, 2 & C.4, DRAWING S765		OPEN		8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM GIRT ELEVATIONS AT COL. LINES G & 4.8, DRAWING S766		OPEN		8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM ELEVATIONS ALONG COLUMN LINES A,B,C & C.4, DRAWING S775		OPEN		8/30/02		

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COC Number	Rev	Document Title	Approved/ Comments	Open/ Closed	Date Comment Ltr	Actual to CBO	CBO Response	CBO Approval
STRUC-1	0	STEAM TURBINE PLATFORM ELEVATIONS ALONG COLUMN LINES D,E,F & G, DRAWING S776		OPEN		8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM COLUMN SCHEDULE, DRAWING S800		OPEN		8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM BASE PLATE DETAILS, DRAWING S805		OPEN		8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM STEEL SECTIONS AND DETAILS SHT 1, DRAWING S810		OPEN		8/30/02		
STRUC-1	0	STEAM TURBINE PLATFORM STAIR #1 PLANS AND ELEVATION, DRAWING S830		OPEN		8/30/02		
STRUC-1	0	UNDERGROUND CABLE SIZING CALCULATION, CALC. 02484-01-07- 011		OPEN		8/30/02		
STRUC-1	0	ABOVE GROUND CABLE SIZING CALCULATION, CALC. 02484-01-07- 012		OPEN		8/30/02		
MECH-1	B	P&ID FIRE PROTECTION SYSTEM		OPEN		10/31/01		
MECH-1	B	P&ID FIRE PROTECTION SYSTEM		OPEN		10/31/01		
MECH-1	B	P&ID DOMESTIC WATER SYSTEM		OPEN		10/31/01		
MECH-1		P&ID SANITARY WASTE SYSTEM						
MECH-1	1	P&ID SYMBOLS AND LEGENDS		OPEN		10/31/01		
MECH-1	1	P&ID SYMBOLS AND LEGENDS		OPEN		10/31/01		
MECH-1	1	P&ID SYMBOLS AND LEGENDS		OPEN		10/31/01		
MECH-1	1	P&ID SYMBOLS AND LEGENDS		OPEN		10/31/01		
MECH-1	1	P&ID SYMBOLS AND LEGENDS		OPEN		10/31/01		
GEN-2	0	CONCRETE WORK		OPEN		10/19/01		
GEN-2	0	EMBEDDED STEEL AND ANCHOR BOLTS		OPEN		10/19/01		

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GEN-2	0	PURCHASE AND FABRICATION OF REINFORCING STEEL		OPEN		10/19/01		
GEN-2	1	BECHTEL CBO SUBMITTAL LIST		OPEN		10/17/01		
GEN-2		BECHTEL CBO SUBMITTAL LIST	Comments	CLOSED	10/16/01	9/28/01		
GEN-2		PROPOSED LIST OF DOCUMENTS FOR THE CTG, STG, AND CONDENSER EQUIPMENT FOR SIEMENS WESTINGHOUSE	Comments	OPEN	9/28/01	9/13/01		
GEN-2		GAS TURBINE DIFFUSER		OPEN		4/22/02		
GEN-4		MR. ARTHUR B. BUTIC, RESIDENT CIVIL ENGINEER	Approved	CLOSED		8/1/01	8/7/01	8/7/01
GEN-4		MR. SHUKE MIAO, RESIDENT CIVIL ENGINEER (RESUBMITTAL)	Approved	CLOSED		12/12/01	1/17/02	1/17/02
GEN-5		BIOLOGICAL SUMMARY AND ACCREDITATION OF Mr. JAMES THOMPSON FOR SIEMENS-WESTINGHOUSE	Approved	CLOSED	N/A	9/5/01	9/28/01	9/28/01
GEN-5		MR. THOMAS FRANKERT, CIVIL ENGINEER	Approved	CLOSED		8/1/01	8/7/01	8/7/01
GEN-5		MR. MARTIN BALLOD, CIVIL AND DESIGN ENGINEER	Approved	CLOSED		11/26/01	1/18/02	1/18/02
GEN-5		MR. MAHANDRA R. GANDHI, ELECTRICAL ENGINEER	Approved	CLOSED		8/1/01	8/7/01	8/7/01
GEN-5		MR. IRA RUBIN, ELECTRICAL ENGINEER (RESUBMITTAL)	Approved	CLOSED		11/26/01	1/18/02	1/18/02
GEN-5		MR. CHARLES EMMA, ELECTRICAL ENGINEER (RESUBMITTAL)		OPEN		6/25/02		
GEN-5		MR. DEV CHATTOPADHYAY, MECHANICAL ENGINEER	Approved	CLOSED		8/1/01	1/18/02	1/18/02
GEN-5		MR. MIKE MASI, MECHANICAL ENGINEER (RESUBMITTAL)	Approved	CLOSED		11/26/01	1/18/02	1/18/02

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GEN-5		MR. DENNIS CHIANESE, MECHANICAL ENGINEER (RESUBMITTAL)		OPEN		6/25/02		
GEN-5		MR. IGNACIO ARRANGO'S RESUME, GEO TECH ENGINEER	Approved	CLOSED	N/A	9/4/01	10/11/01	9/28/01
GEN-5		MR. C. BARRY BUTLER AND MR. RICHARD G. WOODARD, GEOTECHNICAL ENGINEERS (RESUBMITTAL)	Approved	CLOSED		12/17/01	1/16/02	1/16/02
GEN-6		MR. DAVID GRAY'S RESUME FOR SIEMENS WESTINGHOUSE	Approved	CLOSED	N/A	9/4/01	9/28/01	9/28/01
GEN-6		MR. JOHN NELSON AND ROMAN REYES, CIVIL ENGINEER RESUMES	Approved	OPEN	N/A	9/28/01	10/11/01	9/28/01
GEN-6		MR. JARROD BORDI, WELDING INSPECTOR		OPEN		7/9/02		
GEN-6		MR. MICHAEL EVERSON, WELDING INSEPECTOR		OPEN		7/9/02		
ELEC	0	DRAWING E101, ELECTRICAL SYMBOLS SHEET 1		OPEN		8/2/02		
ELEC	0	DRAWING E102, ELECTRICAL SYMBOLS SHEET 2		OPEN		8/2/02		
ELEC	0	DRAWING E103, ELECTRICAL SYMBOLS SHEET 3		OPEN		8/2/02		
ELEC	0	DRAWING E105, ELECTRICAL MAIN ONE LINE DIAGRAM CTG#1		OPEN		8/2/02		
ELEC	0	DRAWING E106, ELECTRICAL MAIN ONE LINE DIAGRAM CTG#2		OPEN		8/2/02		
ELEC	0	DRAWING E107, ELECTRICAL MAIN ONE LINE DIAGRAM STG		OPEN		8/2/02		
ELEC	0	DRAWING E108, 4160V SWITCHGEAR BUS 001A & 001B ONE LINE DIAGRAM		OPEN		8/2/02		

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ELEC	0	DRAWING E109, 4160V SWITCHGEAR BUS 001A ONE LINE DIAGRAM		OPEN		8/2/02		
ELEC	0	DRAWING E110, 4160V SWITCHGEAR BUS 001B ONE LINE DIAGRAM		OPEN		8/2/02		
ELEC	0	DRAWING E111, 4160V SWITCHGEAR BUS 001B & STBY GEN ONE LINE DIAGRAM		OPEN		8/2/02		
ELEC	0	DRAWING E113, 4160V COOLING TOWER MCC 011A ONE LINE DIAGRAM		OPEN		8/2/02		
ELEC	0	DRAWING E114, 4160V COOLING TOWER MCC011B ONE LINE DIAGRAM		OPEN		8/2/02		
ELEC	0	DRAWING E120, 480V SWITCHGEAR BUS 001A ONE LINE DIAGRAM		OPEN		8/2/02		
ELEC	0	DRAWING E121, 480V SWITCHGEAR BUS 001B ONE LINE DIAGRAM		OPEN		8/2/02		
ELEC	0	DRAWING E122, 480V SWITCHGEAR BUS 002A ONE LINE DIAGRAM		OPEN		8/2/02		
ELEC	0	DRAWING E123, 480V SWITCHGEAR BUS 002B ONE LINE DIAGRAM		OPEN		8/2/02		
ELEC	0	DRAWING E124, 480V SWITCHGEAR BUS 003A ONE LINE DIAGRAM		OPEN		8/2/02		
ELEC	0	DRAWING E125, 480V SWITCHGEAR BUS 003B ONE LINE DIAGRAM		OPEN		8/2/02		